# PRESIDIUM®

## GEMSTONE WEIGHT ESTIMATION TABLE

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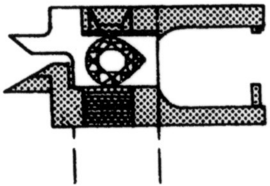
# HOW TO USE



FOR LARGE STONES/PEARLS

FOR SMALL STONES

FOR DEPTH

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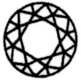
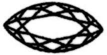
ROUND BRILLIANT  .......... 3 - 9

MARQUISE  .......... 10 - 17

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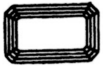
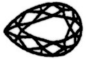
EMERALD  .......... 18 - 32

PEARSHAPED  .......... 33 - 37

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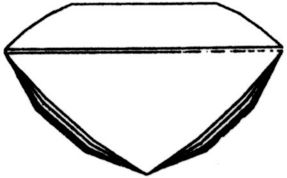
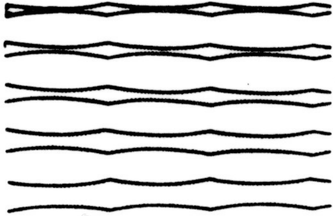
The bulge factor of a cut stone is the roundness of the pavilion when viewing the stone in profile.
It can be:

medium (1)
Visible (2)
obvious (3)
extreme (4)



The girdle or a gemstone is the flat plane between crown and pavilion.

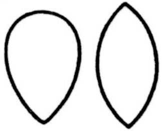
thin girdle
medium girdle
thick girdle
very thick girdle
exetremely thick girdle



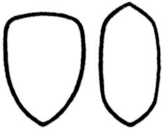
The outline of a cut stone can be observed in its face up position. It is only considered in oval-, marquise-, heart- and pear-shaped gemstone.
It can be:

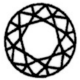
medium – pleasing to the eye; well rounded, flowing lines.
fat – a too square look instead of well rounded lines.
very fat – one can almost detect corns now.

FAT



VERY FAT



## ESTIMATED WEIGHT OF "WELL-MADE" MELEE 

| DIAMETER IN MM | CARAT | DIAMETER IN MM | CARAT |
|---|---|---|---|
| 1.5 | 0.01 | 3.0 | 0.10 |
| 1.7 | 0.02 | 3.1 | 0.11 |
| 2.0 | 0.03 | 3.2 | 0.12 |
| 2.2 | 0.04 | 3.3 | 0.13 |
| 2.4 | 0.05 | 3.4 | 0.14 |
| 2.5 | 0.06 | 3.5 | 0.16 |
| 2.7 | 0.07 | 3.6 | 0.17 |
| 2.8 | 0.08 | 3.7 | 0.18 |
| 2.9 | 0.09 | 3.8 | 0.20 |
| | | 3.9 | 0.22 |

# ESTIMATED WEIGHT OF ROUND BRILLIANT CUT DIAMONDS

| DIA | 4.0 | | | 4.2 | | | 4.4 | | | 4.6 | | | 4.8 | | | 5.0 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| GIRDLE | TN | MD | TK | TN | MD | TK | TN | MD | TK | TN | MD | TK | TN | MD | TK | TN | MD | TK |
| DEPTH | | | | | | | | | | | | | | | | | | |
| 1.8 | 0.17 | 0.18 | 0.18 | | | | | | | | | | | | | | | |
| 2.0 | 0.19 | 0.20 | 0.20 | 0.21 | 0.22 | 0.22 | 0.23 | 0.24 | 0.24 | | | | | | | | | |
| 2.2 | 0.21 | 0.21 | 0.22 | 0.23 | 0.24 | 0.24 | 0.25 | 0.26 | 0.27 | 0.28 | 0.28 | 0.29 | 0.30 | 0.31 | 0.32 | | | |
| 2.4 | 0.23 | 0.23 | 0.24 | 0.25 | 0.26 | 0.27 | 0.28 | 0.28 | 0.29 | 0.30 | 0.31 | 0.32 | 0.33 | 0.34 | 0.35 | 0.36 | 0.37 | 0.38 |
| 2.6 | 0.25 | 0.25 | 0.26 | 0.27 | 0.28 | 0.29 | 0.30 | 0.31 | 0.32 | 0.33 | 0.34 | 0.35 | 0.36 | 0.37 | 0.38 | 0.39 | 0.40 | 0.41 |
| 2.8 | 0.27 | 0.27 | 0.28 | 0.30 | 0.30 | 0.31 | 0.32 | 0.33 | 0.34 | 0.35 | 0.36 | 0.37 | 0.39 | 0.39 | 0.41 | 0.42 | 0.43 | 0.44 |
| 3.0 | 0.29 | 0.29 | 0.30 | 0.32 | 0.32 | 0.33 | 0.35 | 0.35 | 0.36 | 0.38 | 0.39 | 0.40 | 0.41 | 0.42 | 0.43 | 0.45 | 0.46 | 0.47 |
| 3.2 | | | | 0.34 | 0.34 | 0.35 | 0.37 | 0.38 | 0.39 | 0.40 | 0.41 | 0.43 | 0.44 | 0.45 | 0.46 | 0.48 | 0.49 | 0.50 |
| 3.4 | | | | | | | | | | 0.43 | 0.44 | 0.45 | 0.47 | 0.48 | 0.49 | 0.51 | 0.52 | 0.53 |
| 3.6 | | | | | | | | | | | | | | | | 0.54 | 0.55 | 0.57 |
| | CARATS | | | | | | | | | | | | | | | | | |

## ESTIMATED WEIGHT OF ROUND BRILLIANT CUT DIAMONDS

| DIA | 5.2 | | | 5.4 | | | 5.6 | | | 5.8 | | | 6.0 | | | 6.2 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| GIRDLE | TN | MD | TK | TN | MD | TK | TN | MD | TK | TN | MD | TK | TN | MD | TK | TN | MD | TK |
| DEPTH | | | | | | | | | | | | | | | | | | |
| 2.6 | 0.42 | 0.43 | 0.44 | 0.45 | 0.46 | 0.48 | | | | | | | | | | | | |
| 2.8 | 0.45 | 0.46 | 0.48 | 0.49 | 0.50 | 0.51 | 0.52 | 0.54 | 0.55 | 0.56 | 0.57 | 0.59 | | | | | | |
| 3.0 | 0.48 | 0.49 | 0.51 | 0.52 | 0.53 | 0.55 | 0.56 | 0.57 | 0.59 | 0.60 | 0.52 | 0.63 | 0.65 | 0.66 | 0.68 | 0.69 | 0.70 | 0.72 |
| 3.2 | 0.52 | 0.53 | 0.54 | 0.56 | 0.57 | 0.59 | 0.60 | 0.61 | 0.63 | 0.64 | 0.66 | 0.68 | 0.69 | 0.70 | 0.72 | 0.73 | 0.75 | 0.77 |
| 3.4 | 0.55 | 0.56 | 0.58 | 0.59 | 0.60 | 0.62 | 0.64 | 0.65 | 0.67 | 0.68 | 0.70 | 0.72 | 0.73 | 0.75 | 0.77 | 0.78 | 0.80 | 0.82 |
| 3.6 | 0.58 | 0.59 | 0.61 | 0.63 | 0.64 | 0.66 | 0.67 | 0.69 | 0.71 | 0.72 | 0.74 | 0.76 | 0.77 | 0.79 | 0.81 | 0.83 | 0.84 | 0.87 |
| 3.8 | 0.61 | 0.63 | 0.65 | 0.66 | 0.68 | 0.70 | 0.71 | 0.73 | 0.75 | 0.76 | 0.78 | 0.80 | 0.82 | 0.83 | 0.86 | 0.87 | 0.89 | 0.92 |
| 4.0 | | | | | | | 0.75 | 0.76 | 0.79 | 0.80 | 0.82 | 0.84 | 0.86 | 0.88 | 0.90 | 0.92 | 0.94 | 0.97 |
| 4.2 | | | | | | | | | | | | | 0.90 | 0.92 | 0.95 | 0.96 | 0.98 | 1.01 |
| | CARATS | | | | | | | | | | | | | | | | | |

# ESTIMATED WEIGHT OF ROUND BRILLIANT CUT DIAMONDS

| DIA | 6.4 | | | 6.6 | | | 6.8 | | | 7.0 | | | 7.2 | | | 7.4 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| GIRDLE | TN | MD | TK | TN | MD | TK | TN | MD | TK | TN | MD | TK | TN | MD | TK | TN | MD | TK |
| DEPTH | | | | | | | | | | | | | | | | | | |
| 3.2 | 0.78 | 0.80 | 0.82 | | | | | | | | | | | | | | | |
| 3.4 | 0.83 | 0.85 | 0.87 | 0.88 | 0.90 | 0.93 | 0.94 | 0.96 | 0.99 | | | | | | | | | |
| 3.6 | 0.88 | 0.90 | 0.93 | 0.94 | 0.96 | 0.98 | 0.99 | 1.01 | 1.05 | 1.05 | 1.08 | 1.11 | 1.12 | 1.14 | 1.17 | | | |
| 3.8 | 0.93 | 0.95 | 0.98 | 0.99 | 1.01 | 1.04 | 1.05 | 1.07 | 1.10 | 1.11 | 1.14 | 1.17 | 1.18 | 1.20 | 1.24 | 1.24 | 1.27 | 1.31 |
| 4.0 | 0.98 | 1.00 | 1.03 | 1.04 | 1.06 | 1.09 | 1.11 | 1.13 | 1.16 | 1.17 | 1.19 | 1.23 | 1.24 | 1.26 | 1.30 | 1.31 | 1.34 | 1.38 |
| 4.2 | 1.03 | 1.05 | 1.08 | 1.09 | 1.12 | 1.15 | 1.16 | 1.18 | 1.22 | 1.23 | 1.25 | 1.29 | 1.30 | 1.33 | 1.37 | 1.37 | 1.40 | 1.44 |
| 4.4 | 1.08 | 1.10 | 1.13 | 1.15 | 1.17 | 1.20 | 1.22 | 1.24 | 1.28 | 1.29 | 1.31 | 1.35 | 1.36 | 1.39 | 1.43 | 1.44 | 1.47 | 1.51 |
| 4.6 | | | | 1.20 | 1.22 | 1.26 | 1.27 | 1.30 | 1.34 | 1.35 | 1.37 | 1.42 | 1.42 | 1.45 | 1.50 | 1.51 | 1.54 | 1.58 |
| 4.8 | | | | | | | | | | 1.41 | 1.43 | 1.48 | 1.49 | 1.52 | 1.56 | 1.57 | 1.60 | 1.65 |
| 5.0 | | | | | | | | | | | | | | | | 1.64 | 1.67 | 1.72 |
| | CARATS | | | | | | | | | | | | | | | | | |

# ESTIMATED WEIGHT OF ROUND BRILLIANT CUT DIAMONDS

| DIA | 7.6 | | | 7.8 | | | 8.0 | | | 8.2 | | | 8.4 | | | 8.6 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| GIRDLE | TN | MD | TK | TN | MD | TK | TN | MD | TK | TN | MD | TK | TN | MD | TK | TN | MD | TK |
| DEPTH | | | | | | | | | | | | | | | | | | |
| 4.0 | 1.38 | 1.41 | 1.45 | 1.45 | 1.48 | 1.53 | | | | | | | | | | | | |
| 4.2 | 1.45 | 1.48 | 1.52 | 1.53 | 1.56 | 1.60 | 1.61 | 1.64 | 1.69 | 1.69 | 1.72 | 1.77 | | | | | | |
| 4.4 | 1.52 | 1.55 | 1.60 | 1.60 | 1.63 | 1.68 | 1.68 | 1.72 | 1.77 | 1.77 | 1.80 | 1.86 | 1.85 | 1.89 | 1.95 | | | |
| 4.6 | 1.59 | 1.62 | 1.67 | 1.67 | 1.71 | 1.76 | 1.76 | 1.79 | 1.85 | 1.85 | 1.89 | 1.94 | 1.94 | 1.98 | 2.04 | 2.03 | 2.07 | 2.14 |
| 4.8 | 1.66 | 1.69 | 1.74 | 1.74 | 1.78 | 1.83 | 1.84 | 1.87 | 1.93 | 1.93 | 1.97 | 2.03 | 2.02 | 2.06 | 2.13 | 2.12 | 2.16 | 2.23 |
| 5.0 | 1.73 | 1.76 | 1.81 | 1.82 | 1.85 | 1.91 | 1.91 | 1.95 | 2.01 | 2.01 | 2.05 | 2.11 | 2.11 | 2.15 | 2.22 | 2.21 | 2.25 | 2.32 |
| 5.2 | 1.79 | 1.83 | 1.89 | 1.89 | 1.93 | 1.99 | 1.99 | 2.03 | 2.09 | 2.09 | 2.13 | 2.20 | 2.19 | 2.24 | 2.30 | 2.30 | 2.34 | 2.42 |
| 5.4 | | | | | | | 2.06 | 2.11 | 2.17 | 2.17 | 2.21 | 2.28 | 2.28 | 2.32 | 2.39 | 2.39 | 2.43 | 2.51 |
| 5.6 | | | | | | | | | | | | | 2.36 | 2.41 | 2.48 | 2.47 | 2.53 | 2.60 |
| 5.8 | | | | | | | | | | | | | | | | 2.56 | 2.62 | 2.69 |
| | CARATS | | | | | | | | | | | | | | | | | |

# ESTIMATED WEIGHT OF ROUND BRILLIANT CUT DIAMONDS

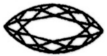
| DIA | 8.8 | | | 9.0 | | | 9.2 | | | 9.4 | | | 9.6 | | | 9.8 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| GIRDLE | TN | MD | TK | TN | MD | TK | TN | MD | TK | TN | MD | TK | TN | MD | TK | TN | MD | TK |
| DEPTH | | | | | | | | | | | | | | | | | | |
| 4.6 | 2.13 | 2.17 | 2.24 | | | | | | | | | | | | | | | |
| 4.8 | 2.22 | 2.27 | 2.33 | 2.32 | 2.37 | 2.44 | 2.43 | 2.48 | 2.55 | | | | | | | | | |
| 5.0 | 2.31 | 2.36 | 2.43 | 2.42 | 2.47 | 2.54 | 2.53 | 2.58 | 2.66 | 2.64 | 2.69 | 2.77 | 2.75 | 2.81 | 2.89 | | | |
| 5.2 | 2.41 | 2.46 | 2.53 | 2.52 | 2.57 | 2.64 | 2.63 | 2.68 | 2.76 | 2.75 | 2.80 | 2.89 | 2.86 | 2.92 | 3.01 | 2.98 | 3.04 | 3.14 |
| 5.4 | 2.50 | 2.55 | 2.63 | 2.61 | 2.67 | 2.75 | 2.73 | 2.79 | 2.87 | 2.85 | 2.91 | 3.00 | 2.97 | 3.03 | 3.13 | 3.10 | 3.16 | 3.26 |
| 5.6 | 2.59 | 2.64 | 2.72 | 2.71 | 2.77 | 2.85 | 2.83 | 2.89 | 2.98 | 2.96 | 3.02 | 3.11 | 3.08 | 3.15 | 3.24 | 3.21 | 3.28 | 3.38 |
| 5.8 | 2.68 | 2.74 | 2.82 | 2.81 | 2.86 | 2.95 | 2.93 | 2.99 | 3.08 | 3.06 | 3.12 | 3.22 | 3.19 | 3.26 | 3.36 | 3.33 | 3.40 | 3.50 |
| 6.0 | | | | 2.90 | 2.96 | 3.05 | 3.03 | 3.10 | 3.19 | 3.17 | 3.23 | 3.33 | 3.30 | 3.37 | 3.47 | 3.44 | 3.51 | 3.62 |
| 6.2 | | | | | | | | | | 3.27 | 3.34 | 3.44 | 3.41 | 3.48 | 3.59 | 3.56 | 3.63 | 3.74 |
| 6.4 | | | | | | | | | | | | | | | | 3.67 | 3.75 | 3.86 |
| | CARATS | | | | | | | | | | | | | | | | | |

# ESTIMATED WEIGHT OF ROUND BRILLIANT CUT DIAMONDS

| DIA | 10.0 | | | 10.2 | | | 10.4 | | | 10.6 | | | 10.8 | | | 11.0 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| GIRDLE | TN | MD | TK | TN | MD | TK | TN | MD | TK | TN | MD | TK | TN | MD | TK | TN | MD | TK |
| DEPTH | | | | | | | | | | | | | | | | | | |
| 5.4 | 3.23 | 3.29 | 3.39 | 3.36 | 3.43 | 3.53 | | | | | | | | | | | | |
| 5.6 | 3.35 | 3.41 | 3.52 | 3.48 | 3.55 | 3.66 | 3.62 | 3.69 | 3.80 | 3.76 | 3.84 | 3.95 | | | | | | |
| 5.8 | 3.47 | 3.54 | 3.64 | 3.61 | 3.68 | 3.79 | 3.75 | 3.82 | 3.94 | 3.89 | 3.97 | 4.09 | 4.04 | 4.12 | 4.25 | | | |
| 6.0 | 3.58 | 3.66 | 3.77 | 3.73 | 3.81 | 3.92 | 3.88 | 3.96 | 4.08 | 4.03 | 4.11 | 4.23 | 4.18 | 4.27 | 4.39 | 4.34 | 4.43 | 4.56 |
| 6.2 | 3.70 | 3.78 | 3.89 | 3.85 | 3.93 | 4.05 | 4.01 | 4.09 | 4.21 | 4.16 | 4.25 | 4.37 | 4.32 | 4.41 | 4.54 | 4.48 | 4.57 | 4.71 |
| 6.4 | 3.82 | 3.90 | 4.02 | 3.98 | 4.06 | 4.18 | 4.14 | 4.22 | 4.35 | 4.30 | 4.38 | 4.52 | 4.46 | 4.55 | 4.69 | 4.63 | 4.72 | 4.86 |
| 6.6 | 3.94 | 4.02 | 4.14 | 4.10 | 4.19 | 4.31 | 4.27 | 4.35 | 4.48 | 4.43 | 4.52 | 4.66 | 4.60 | 4.69 | 4.83 | 4.77 | 4.87 | 5.01 |
| 6.8 | | | | | | | 4.39 | 4.48 | 4.62 | 4.56 | 4.66 | 4.80 | 4.74 | 4.84 | 4.98 | 4.92 | 5.02 | 5.17 |
| 7.0 | | | | | | | | | | | | | 4.88 | 4.98 | 5.13 | 5.06 | 5.16 | 5.32 |
| 7.2 | | | | | | | | | | | | | | | | 5.21 | 5.31 | 5.47 |
| | CARATS | | | | | | | | | | | | | | | | | |

ROUND BRILLIANT CUTS : CARATS = DIAMETER$^2$ X DEPTH X 0.00609664

| GIRDLE | | BULGE | | OUTLINE | |
|---|---|---|---|---|---|
| THIN | - 2% | VISIBLE | + 2% | FAT | + 2% |
| THICK | + 3% | OBVIOUS | + 4% | V. FAT | + 4% |
| V. THICK | + 5% | EXTREME | + 6% | | |
| EX.THICK | + 8% | | | | |

## ESTIMATED WEIGHTS OF MARQUISE DIAMONDS 

| WIDE | 3.0 mm LONG | | | 3.5 mm LONG | | | | 4.0 mm LONG | | | | WIDE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | DEEP | | | DEEP | | | | DEEP | | | | |
| | 0.7 | 0.9 | 1.3 | 0.5 | 0.9 | 1.1 | 1.5 | 0.6 | 1.0 | 1.3 | 1.7 | |
| 1.2 | 0.014 | 0.018 | 0.026 | | | | | | | | | 1.2 |
| 1.4 | 0.016 | 0.021 | 0.030 | 0.014 | 0.025 | 0.030 | 0.041 | | | | | 1.4 |
| 1.5 | 0.018 | 0.023 | 0.033 | 0.015 | 0.026 | 0.032 | 0.044 | 0.020 | 0.033 | 0.043 | 0.057 | 1.5 |
| 1.6 | 0.019 | 0.024 | 0.035 | 0.016 | 0.028 | 0.034 | 0.047 | 0.021 | 0.036 | 0.046 | 0.061 | 1.6 |
| 1.7 | 0.020 | 0.026 | 0.037 | 0.017 | 0.030 | 0.036 | 0.050 | 0.023 | 0.038 | 0.049 | 0.064 | 1.7 |
| 1.8 | 0.021 | 0.027 | 0.039 | 0.018 | 0.032 | 0.039 | 0.053 | 0.024 | 0.040 | 0.052 | 0.068 | 1.8 |
| 1.9 | 0.022 | 0.029 | 0.041 | 0.019 | 0.033 | 0.041 | 0.056 | 0.025 | 0.042 | 0.055 | 0.072 | 1.9 |
| 2.0 | 0.023 | 0.030 | 0.043 | 0.019 | 0.035 | 0.043 | 0.058 | 0.027 | 0.045 | 0.058 | 0.076 | 2.0 |
| 2.1 | | | | 0.020 | 0.037 | 0.045 | 0.061 | 0.028 | 0.047 | 0.061 | 0.079 | 2.1 |
| 2.2 | | | | 0.021 | 0.039 | 0.047 | 0.064 | 0.029 | 0.049 | 0.064 | 0.083 | 2.2 |
| 2.3 | | | | 0.022 | 0.040 | 0.049 | 0.067 | 0.031 | 0.051 | 0.067 | 0.087 | 2.3 |
| 2.6 | | | | | | | | 0.035 | 0.058 | 0.075 | 0.098 | 2.6 |
| CARATS | | | | | | | | | | | | |

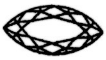
# ESTIMATED WEIGHTS OF MARQUISE DIAMONDS

| WIDE | 4.4 mm LONG DEEP | | | | 4.8 mm LONG DEEP | | | | 5.2 mm LONG DEEP | | | | WIDE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0.6 | 1.1 | 1.4 | 1.9 | 0.7 | 1.2 | 1.5 | 2.0 | 0.7 | 1.3 | 1.7 | 2.3 | |
| 1.8 | 0.026 | 0.048 | 0.062 | 0.084 | | | | | | | | | 1.8 |
| 1.9 | 0.028 | 0.051 | 0.065 | 0.088 | 0.036 | 0.061 | 0.076 | 0.102 | | | | | 1.9 |
| 2.0 | 0.029 | 0.054 | 0.069 | 0.093 | 0.037 | 0.064 | 0.080 | 0.107 | 0.041 | 0.075 | 0.098 | 0.133 | 2.0 |
| 2.1 | 0.031 | 0.057 | 0.072 | 0.098 | 0.039 | 0.067 | 0.084 | 0.112 | 0.043 | 0.079 | 0.103 | 0.140 | 2.1 |
| 2.2 | 0.032 | 0.059 | 0.075 | 0.102 | 0.041 | 0.071 | 0.088 | 0.118 | 0.045 | 0.083 | 0.108 | 0.146 | 2.2 |
| 2.3 | 0.034 | 0.062 | 0.079 | 0.107 | 0.043 | 0.074 | 0.092 | 0.123 | 0.047 | 0.087 | 0.113 | 0.153 | 2.3 |
| 2.4 | 0.035 | 0.065 | 0.082 | 0.112 | 0.045 | 0.077 | 0.096 | 0.128 | 0.049 | 0.090 | 0.118 | 0.160 | 2.4 |
| 2.5 | 0.037 | 0.067 | 0.086 | 0.116 | 0.047 | 0.080 | 0.100 | 0.134 | 0.051 | 0.094 | 0.123 | 0.166 | 2.5 |
| 2.6 | 0.038 | 0.070 | 0.089 | 0.121 | 0.049 | 0.083 | 0.104 | 0.139 | 0.053 | 0.098 | 0.128 | 0.173 | 2.6 |
| 2.7 | 0.040 | 0.073 | 0.093 | 0.126 | 0.050 | 0.087 | 0.108 | 0.144 | 0.055 | 0.102 | 0.133 | 0.180 | 2.7 |
| 2.8 | 0.041 | 0.075 | 0.096 | 0.130 | 0.052 | 0.090 | 0.112 | 0.150 | 0.057 | 0.105 | 0.138 | 0.186 | 2.8 |
| 2.9 | 0.043 | 0.078 | 0.099 | 0.135 | 0.054 | 0.093 | 0.116 | 0.155 | 0.059 | 0.109 | 0.143 | 0.193 | 2.9 |
| 3.0 | | | | | 0.056 | 0.096 | 0.120 | 0.160 | 0.061 | 0.113 | 0.148 | 0.200 | 3.0 |
| 3.1 | | | | | 0.058 | 0.099 | 0.124 | 0.166 | 0.063 | 0.117 | 0.153 | 0.206 | 3.1 |
| 3.4 | | | | | | | | | 0.069 | 0.128 | 0.167 | 0.226 | 3.4 |
| CARATS | | | | | | | | | | | | | |

# ESTIMATED WEIGHTS OF MARQUISE DIAMONDS

| WIDE | 5.6 mm LONG | | | | 6.0 mm LONG | | | | 6.5 mm LONG | | | | WIDE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | DEEP | | | | DEEP | | | | DEEP | | | | |
| | 0.8 | 1.4 | 1.8 | 2.4 | 0.8 | 1.4 | 1.8 | 2.4 | 0.9 | 1.6 | 1.9 | 2.7 | |
| 2.2 | 0.055 | 0.096 | 0.123 | 0.165 | | | | | | | | | 2.2 |
| 2.4 | 0.060 | 0.105 | 0.135 | 0.180 | 0.064 | 0.112 | 0.144 | 0.192 | | | | | 2.4 |
| 2.6 | 0.065 | 0.113 | 0.146 | 0.194 | 0.069 | 0.122 | 0.156 | 0.208 | 0.085 | 0.150 | 0.179 | 0.254 | 2.6 |
| 2.7 | 0.067 | 0.118 | 0.151 | 0.202 | 0.072 | 0.126 | 0.162 | 0.216 | 0.088 | 0.156 | 0.186 | 0.264 | 2.7 |
| 2.9 | 0.072 | 0.127 | 0.163 | 0.217 | 0.077 | 0.136 | 0.174 | 0.232 | 0.094 | 0.168 | 0.199 | 0.283 | 2.9 |
| 3.0 | 0.075 | 0.131 | 0.168 | 0.224 | 0.080 | 0.140 | 0.180 | 0.240 | 0.098 | 0.174 | 0.206 | 0.293 | 3.0 |
| 3.1 | 0.077 | 0.135 | 0.174 | 0.232 | 0.083 | 0.145 | 0.186 | 0.248 | 0.101 | 0.179 | 0.213 | 0.303 | 3.1 |
| 3.2 | 0.080 | 0.140 | 0.180 | 0.239 | 0.085 | 0.150 | 0.192 | 0.256 | 0.104 | 0.185 | 0.220 | 0.313 | 3.2 |
| 3.4 | 0.085 | 0.148 | 0.191 | 0.254 | 0.091 | 0.159 | 0.204 | 0.272 | 0.111 | 0.197 | 0.234 | 0.332 | 3.4 |
| 3.6 | 0.090 | 0.157 | 0.202 | 0269 | 0.096 | 0.168 | 0.216 | 0.288 | 0.117 | 0.208 | 0.247 | 0.352 | 3.6 |
| 3.7 | 0.092 | 0.161 | 0.208 | 0.277 | 0.099 | 0.173 | 0.222 | 0.297 | 0.120 | 0.214 | 0.254 | 0.361 | 3.7 |
| 3.8 | | | | | 0.102 | 0.178 | 0.228 | 0.305 | 0.124 | 0.220 | 0.261 | 0.371 | 3.8 |
| 3.9 | | | | | 0.104 | 0.182 | 0.234 | 0.313 | 0.127 | 0.226 | 0.268 | 0.381 | 3.9 |
| 4.2 | | | | | | | | | 0.137 | 0.243 | 0.289 | 0.410 | 4.2 |
| CARATS | | | | | | | | | | | | | |

# ESTIMATED WEIGHTS OF MARQUISE DIAMONDS



| WIDE | 7.0 mm LONG | | | | | | |
|---|---|---|---|---|---|---|---|
| | DEEP | | | | | | |
| | 1.0 | 1.5 | 1.9 | 2.2 | 2.5 | 3.0 | |
| 2.8 | 0.11 | 0.16 | 0.21 | 0.24 | 0.27 | 0.33 | |
| 3.0 | 0.12 | 0.18 | 0.22 | 0.26 | 0.29 | 0.35 | |
| 3.2 | 0.12 | 0.19 | 0.24 | 0.27 | 0.31 | 0.37 | C |
| 3.4 | 0.13 | 0.20 | 0.25 | 0.29 | 0.33 | 0.40 | A |
| 3.6 | 0.14 | 0.21 | 0.27 | 0.31 | 0.35 | 0.42 | R |
| 3.8 | 0.15 | 0.22 | 0.28 | 0.33 | 0.37 | 0.44 | A |
| 4.0 | 0.16 | 0.23 | 0.30 | 0.34 | 0.39 | 0.47 | T |
| 4.2 | 0.16 | 0.25 | 0.31 | 0.36 | 0.41 | 0.49 | S |
| 4.4 | 0.17 | 0.26 | 0.33 | 0.38 | 0.43 | 0.51 | |
| 4.6 | 0.18 | 0.27 | 0.34 | 0.39 | 0.45 | 0.54 | |

| WIDE | 7.5 mm LONG | | | | | | |
|---|---|---|---|---|---|---|---|
| | DEEP | | | | | | |
| | 1.0 | 1.6 | 1.9 | 2.2 | 2.5 | 3.1 | |
| 3.0 | 0.13 | 0.20 | 0.24 | 0.28 | 0.31 | 0.39 | |
| 3.2 | 0.13 | 0.21 | 0.25 | 0.29 | 0.33 | 0.41 | |
| 3.4 | 0.14 | 0.23 | 0.27 | 0.31 | 0.35 | 0.44 | C |
| 3.6 | 0.15 | 0.24 | 0.29 | 0.33 | 0.38 | 0.47 | A |
| 3.8 | 0.16 | 0.25 | 0.30 | 0.35 | 0.40 | 0.49 | R |
| 4.0 | 0.17 | 0.27 | 0.32 | 0.37 | 0.42 | 0.52 | A |
| 4.2 | 0.18 | 0.28 | 0.33 | 0.39 | 0.44 | 0.54 | T |
| 4.4 | 0.18 | 0.29 | 0.35 | 0.40 | 0.46 | 0.57 | S |
| 4.6 | 0.19 | 0.31 | 0.36 | 0.42 | 0.48 | 0.59 | |
| 4.8 | 0.20 | 0.32 | 0.38 | 0.44 | 0.50 | 0.62 | |

CARATS = 0.0055651 X LENGTH X WIDTH X DEPTH

**GIRDLE**

| | |
|---|---|
| THIN | - 2% |
| THICK | + 3% |
| V. THICK | + 5% |
| EX.THICK | + 8% |

**BLUGE**

| | |
|---|---|
| VISIBLE | + 2% |
| OBVIOUS | + 4% |
| EXTREME | + 6% |

**OUTLINE**

| | |
|---|---|
| FAT | + 2% |
| V. FAT | + 4% |

## ESTIMATED WEIGHTS OF MARQUISE DIAMONDS

| WIDE | 8.0 mm LONG | | | | | | |
|---|---|---|---|---|---|---|---|
| | DEEP | | | | | | |
| | 1.1 | 1.7 | 2.1 | 2.4 | 2.8 | 3.4 | |
| 3.2 | 0.16 | 0.24 | 0.30 | 0.34 | 0.40 | 0.48 | |
| 3.4 | 0.17 | 0.26 | 0.32 | 0.36 | 0.42 | 0.51 | |
| 3.6 | 0.18 | 0.27 | 0.34 | 0.38 | 0.45 | 0.54 | |
| 3.8 | 0.19 | 0.29 | 0.36 | 0.41 | 0.47 | 0.58 | C |
| 4.0 | 0.20 | 0.30 | 0.37 | 0.43 | 0.50 | 0.61 | A |
| 4.2 | 0.21 | 0.32 | 0.39 | 0.45 | 0.52 | 0.64 | R |
| 4.4 | 0.22 | 0.33 | 0.41 | 0.47 | 0.55 | 0.67 | A |
| 4.6 | 0.23 | 0.35 | 0.43 | 0.49 | 0.57 | 0.70 | T |
| 4.8 | 0.24 | 0.36 | 0.45 | 0.51 | 0.60 | 0.73 | S |
| 5.0 | 0.24 | 0.38 | 0.47 | 0.53 | 0.62 | 0.76 | |
| 5.1 | 0.25 | 0.39 | 0.48 | 0.54 | 0.64 | 0.77 | |
| 5.2 | 0.25 | 0.39 | 0.49 | 0.56 | 0.65 | 0.79 | |
| **WIDE** | **8.5 mm LONG** | | | | | | |
| | **DEEP** | | | | | | |
| | **1.2** | **1.8** | **2.1** | **2.5** | **2.9** | **3.5** | |
| 3.4 | 0.19 | 0.29 | 0.34 | 0.40 | 0.47 | 0.56 | |
| 3.6 | 0.20 | 0.31 | 0.36 | 0.43 | 0.49 | 0.60 | |
| 3.8 | 0.22 | 0.32 | 0.38 | 0.45 | 0.52 | 0.63 | |
| 4.0 | 0.23 | 0.34 | 0.40 | 0.47 | 0.55 | 0.66 | C |
| 4.2 | 0.24 | 0.36 | 0.42 | 0.50 | 0.58 | 0.70 | A |
| 4.4 | 0.25 | 0.37 | 0.44 | 0.52 | 0.60 | 0.73 | R |
| 4.6 | 0.26 | 0.39 | 0.46 | 0.54 | 0.63 | 0.76 | A |
| 4.8 | 0.27 | 0.41 | 0.48 | 0.57 | 0.66 | 0.79 | T |
| 5.0 | 0.28 | 0.43 | 0.50 | 0.59 | 0.69 | 0.83 | S |
| 5.1 | 0.29 | 0.43 | 0.51 | 0.60 | 0.70 | 0.84 | |
| 5.2 | 0.30 | 0.44 | 0.52 | 0.61 | 0.71 | 0.86 | |
| 5.4 | 0.31 | 0.46 | 0.54 | 0.64 | 0.74 | 0.89 | |

# ESTIMATED WEIGHTS OF MARQUISE DIAMONDS

| WIDE | 9.0 mm LONG — DEEP (CARATS) | | | | | |
|---|---|---|---|---|---|---|
| | 1.3 | 1.9 | 2.3 | 2.7 | 3.1 | 3.8 |
| 3.6 | 0.23 | 0.34 | 0.41 | 0.49 | 0.56 | 0.69 |
| 3.8 | 0.25 | 0.36 | 0.44 | 0.51 | 0.59 | 0.72 |
| 3.9 | 0.25 | 0.37 | 0.45 | 0.53 | 0.61 | 0.74 |
| 4.1 | 0.27 | 0.39 | 0.47 | 0.55 | 0.64 | 0.78 |
| 4.2 | 0.27 | 0.40 | 0.48 | 0.57 | 0.65 | 0.80 |
| 4.4 | 0.29 | 0.42 | 0.51 | 0.60 | 0.68 | 0.84 |
| 4.6 | 0.30 | 0.44 | 0.53 | 0.62 | 0.71 | 0.88 |
| 4.8 | 0.31 | 0.46 | 0.55 | 0.65 | 0.75 | 0.91 |
| 5.0 | 0.33 | 0.48 | 0.58 | 0.68 | 0.78 | 0.95 |
| 5.2 | 0.34 | 0.49 | 0.60 | 0.70 | 0.81 | 0.99 |
| 5.4 | 0.35 | 0.51 | 0.62 | 0.73 | 0.84 | 1.03 |
| 5.5 | 0.36 | 0.52 | 0.63 | 0.74 | 0.85 | 1.05 |
| 5.8 | 0.38 | 0.55 | 0.67 | 0.78 | 0.90 | 1.10 |
| 5.9 | 0.38 | 0.56 | 0.68 | 0.80 | 0.92 | 1.12 |

| WIDE | 9.5 mm LONG — DEEP (CARATS) | | | | | |
|---|---|---|---|---|---|---|
| | 1.3 | 2.0 | 2.4 | 2.8 | 3.3 | 4.0 |
| 3.8 | 0.26 | 0.40 | 0.48 | 0.56 | 0.66 | 0.80 |
| 3.9 | 0.27 | 0.41 | 0.49 | 0.58 | 0.68 | 0.82 |
| 4.1 | 0.28 | 0.43 | 0.52 | 0.61 | 0.72 | 0.87 |
| 4.2 | 0.29 | 0.44 | 0.53 | 0.62 | 0.73 | 0.89 |
| 4.4 | 0.30 | 0.47 | 0.56 | 0.65 | 0.77 | 0.93 |
| 4.6 | 0.32 | 0.49 | 0.58 | 0.68 | 0.80 | 0.97 |
| 4.8 | 0.33 | 0.51 | 0.61 | 0.71 | 0.84 | 1.02 |
| 5.0 | 0.34 | 0.53 | 0.63 | 0.74 | 0.87 | 1.06 |
| 5.2 | 0.36 | 0.55 | 0.66 | 0.77 | 0.91 | 1.10 |
| 5.4 | 0.37 | 0.57 | 0.69 | 0.80 | 0.94 | 1.14 |
| 5.5 | 0.38 | 0.58 | 0.70 | 0.81 | 0.96 | 1.16 |
| 5.8 | 0.40 | 0.61 | 0.74 | 0.86 | 1.01 | 1.23 |
| 5.9 | 0.41 | 0.62 | 0.75 | 0.87 | 1.03 | 1.25 |
| 6.2 | 0.43 | 0.66 | 0.79 | 0.92 | 1.08 | 1.31 |

## ESTIMATED WEIGHTS OF MARQUISE DIAMONDS

| WIDE | 10.0 mm LONG — DEEP 1.4 | 2.1 | 2.6 | 3.0 | 3.5 | 4.2 | CARATS |
|---|---|---|---|---|---|---|---|
| 4.0 | 0.31 | 0.47 | 0.58 | 0.67 | 0.78 | 0.93 | |
| 4.2 | 0.33 | 0.49 | 0.61 | 0.70 | 0.82 | 0.98 | |
| 4.4 | 0.34 | 0.51 | 0.64 | 0.73 | 0.86 | 1.03 | |
| 4.5 | 0.35 | 0.53 | 0.65 | 0.75 | 0.88 | 1.05 | |
| 4.6 | 0.36 | 0.54 | 0.67 | 0.77 | 0.90 | 1.08 | |
| 4.8 | 0.37 | 0.56 | 0.69 | 0.80 | 0.93 | 1.12 | |
| 5.0 | 0.39 | 0.58 | 0.72 | 0.83 | 0.97 | 1.17 | |
| 5.2 | 0.41 | 0.61 | 0.75 | 0.87 | 1.01 | 1.22 | |
| 5.4 | 0.42 | 0.63 | 0.78 | 0.90 | 1.05 | 1.26 | |
| 5.6 | 0.44 | 0.65 | 0.81 | 0.93 | 1.09 | 1.31 | |
| 5.8 | 0.45 | 0.68 | 0.84 | 0.97 | 1.13 | 1.36 | |
| 6.0 | 0.47 | 0.70 | 0.87 | 1.00 | 1.17 | 1.40 | |
| 6.1 | 0.48 | 0.71 | 0.88 | 1.02 | 1.19 | 1.43 | |
| 6.2 | 0.48 | 0.72 | 0.90 | 1.04 | 1.21 | 1.45 | |
| 6.5 | 0.51 | 0.76 | 0.94 | 1.09 | 1.27 | 1.52 | |

| WIDE | 10.5 mm LONG — DEEP 1.5 | 2.2 | 2.7 | 3.2 | 3.7 | 4.5 | CARATS |
|---|---|---|---|---|---|---|---|
| 4.2 | 0.37 | 0.54 | 0.66 | 0.79 | 0.91 | 1.10 | |
| 4.4 | 0.39 | 0.57 | 0.69 | 0.82 | 0.95 | 1.16 | |
| 4.5 | 0.39 | 0.58 | 0.71 | 0.84 | 0.97 | 1.18 | |
| 4.6 | 0.40 | 0.59 | 0.73 | 0.86 | 0.99 | 1.21 | |
| 4.8 | 0.42 | 0.62 | 0.76 | 0.90 | 1.04 | 1.26 | |
| 5.0 | 0.44 | 0.64 | 0.79 | 0.93 | 1.08 | 1.31 | |
| 5.2 | 0.46 | 0.67 | 0.82 | 0.97 | 1.12 | 1.37 | |
| 5.4 | 0.47 | 0.69 | 0.85 | 1.01 | 1.17 | 1.42 | |
| 5.6 | 0.49 | 0.72 | 0.88 | 1.05 | 1.21 | 1.47 | |
| 5.8 | 0.51 | 0.75 | 0.92 | 1.08 | 1.25 | 1.53 | |
| 6.0 | 0.53 | 0.77 | 0.95 | 1.12 | 1.30 | 1.58 | |
| 6.1 | 0.53 | 0.78 | 0.96 | 1.14 | 1.32 | 1.60 | |
| 6.2 | 0.54 | 0.80 | 0.98 | 1.16 | 1.34 | 1.63 | |
| 6.5 | 0.57 | 0.84 | 1.03 | 1.22 | 1.41 | 1.71 | |
| 6.9 | 0.60 | 0.89 | 1.09 | 1.29 | 1.49 | 1.81 | |

# ESTIMATED WEIGHTS OF MARQUISE DIAMONDS

| WIDE | 11.0 mm LONG | | | | | | |
|---|---|---|---|---|---|---|---|
| | DEEP | | | | | | |
| | 1.5 | 2.3 | 2.8 | 3.3 | 3.8 | 4.6 | CARATS |
| 4.4 | 0.40 | 0.62 | 0.75 | 0.89 | 1.02 | 1.24 | |
| 4.6 | 0.42 | 0.65 | 0.79 | 0.93 | 1.07 | 1.30 | |
| 4.7 | 0.43 | 0.66 | 0.81 | 0.95 | 1.09 | 1.32 | |
| 4.9 | 0.45 | 0.69 | 0.84 | 0.99 | 1.14 | 1.38 | |
| 5.0 | 0.46 | 0.70 | 0.86 | 1.01 | 1.16 | 1.41 | |
| 5.2 | 0.48 | 0.73 | 0.89 | 1.05 | 1.21 | 1.46 | |
| 5.4 | 0.50 | 0.76 | 0.93 | 1.09 | 1.26 | 1.52 | |
| 5.6 | 0.51 | 0.79 | 0.96 | 1.13 | 1.30 | 1.58 | |
| 5.8 | 0.53 | 0.82 | 0.99 | 1.17 | 1.35 | 1.63 | |
| 6.0 | 0.55 | 0.84 | 1.03 | 1.21 | 1.40 | 1.69 | |
| 6.2 | 0.57 | 0.87 | 1.06 | 1.25 | 1.44 | 1.75 | |
| 6.4 | 0.59 | 0.90 | 1.10 | 1.29 | 1.49 | 1.80 | |
| 6.6 | 0.61 | 0.93 | 1.13 | 1.33 | 1.54 | 1.86 | |
| 6.7 | 0.62 | 0.94 | 1.15 | 1.35 | 1.56 | 1.89 | |
| 7.0 | 0.64 | 0.99 | 1.20 | 1.41 | 1.63 | 1.97 | |
| 7.1 | 0.65 | 1.00 | 1.22 | 1.43 | 1.65 | 2.00 | |

| WIDE | 11.5 mm LONG | | | | | | |
|---|---|---|---|---|---|---|---|
| | DEEP | | | | | | |
| | 1.6 | 2.4 | 2.9 | 3.4 | 4.0 | 4.8 | CARATS |
| 4.6 | 0.47 | 0.71 | 0.85 | 1.00 | 1.18 | 1.41 | |
| 4.7 | 0.48 | 0.72 | 0.87 | 1.02 | 1.20 | 1.44 | |
| 4.9 | 0.50 | 0.75 | 0.91 | 1.07 | 1.25 | 1.51 | |
| 5.0 | 0.51 | 0.77 | 0.93 | 1.09 | 1.28 | 1.54 | |
| 5.2 | 0.53 | 0.80 | 0.97 | 1.13 | 1.33 | 1.60 | |
| 5.4 | 0.55 | 0.83 | 1.00 | 1.18 | 1.38 | 1.66 | |
| 5.6 | 0.57 | 0.86 | 1.04 | 1.22 | 1.43 | 1.72 | |
| 5.8 | 0.59 | 0.89 | 1.08 | 1.26 | 1.48 | 1.78 | |
| 6.0 | 0.61 | 0.92 | 1.11 | 1.31 | 1.54 | 1.84 | |
| 6.2 | 0.63 | 0.95 | 1.15 | 1.35 | 1.59 | 1.90 | |
| 6.4 | 0.66 | 0.98 | 1.19 | 1.39 | 1.64 | 1.97 | |
| 6.6 | 0.68 | 1.01 | 1.22 | 1.44 | 1.69 | 2.03 | |
| 6.7 | 0.69 | 1.03 | 1.24 | 1.46 | 1.72 | 2.06 | |
| 7.0 | 0.72 | 1.08 | 1.30 | 1.52 | 1.79 | 2.15 | |
| 7.1 | 0.73 | 1.09 | 1.32 | 1.54 | 1.82 | 2.18 | |
| 7.4 | 0.76 | 1.14 | 1.37 | 1.61 | 1.89 | 2.27 | |

## ESTIMATED WEIGHTS OF FINE SMALL SQUARE DIAMONDS

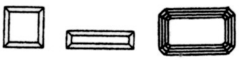
| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **SQUARE (MM)** | 1.3 | 1.5 | 1.6 | 1.7 | 1.8 | 1.9 | 2.0 | 2.1 |
| **CARATS** | 0.02 | 0.02 | 0.03 | 0.04 | 0.04 | 0.05 | 0.05 | 0.06 |
| **SQUARE (MM)** | 2.2 | 2.3 | 2.4 | 2.5 | 2.6 | 2.7 | 2.8 | 2.9 |
| **CARATS** | 0.07 | 0.08 | 0.09 | 0.10 | 0.11 | 0.12 | 0.13 | 0.14 |

SQUARE STONES LARGER THAN 3MM, FOLLOW ON TABLES FOR SQUARE / RECTANGULAR DIAMONDS.

WEIGHT FOR SQUARE / RECTANGULAR CUT: CARATS = 0.0088563 X LENGTH X WIDTH X DEPTH

| GIRDLE | | BULGE | | OUTLINE | |
|---|---|---|---|---|---|
| THIN | - 2% | VISIBLE | + 2% | FAT | + 2% |
| THICK | + 3% | OBVIOUS | + 4% | V. FAT | + 4% |
| V. THICK | + 5% | EXTREME | + 6% | | |
| EX.THICK | + 8% | | | | |

## ESTIMATED WEIGHTS OF SQUARE / BAGUETTE / EMERALD DIAMONDS

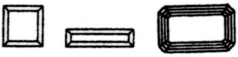


| WIDE | 3.0 mm LONG — DEEP 1.0 | 1.1 | 1.2 | 1.3 | 1.4 | |
|---|---|---|---|---|---|---|
| 1.0 | 0.03 | 0.03 | 0.03 | 0.03 | 0.04 | CARATS |
| 1.1 | 0.03 | 0.03 | 0.04 | 0.04 | 0.04 | |
| 1.2 | 0.03 | 0.04 | 0.04 | 0.04 | 0.04 | |
| 1.3 | 0.03 | 0.04 | 0.04 | 0.04 | 0.05 | |
| 1.4 | 0.04 | 0.04 | 0.04 | 0.05 | 0.05 | |
| 1.5 | 0.04 | 0.04 | 0.05 | 0.05 | 0.06 | |
| 1.6 | 0.04 | 0.05 | 0.05 | 0.06 | 0.06 | |
| 1.7 | 0.05 | 0.05 | 0.05 | 0.06 | 0.06 | |
| 1.8 | 0.05 | 0.05 | 0.06 | 0.06 | 0.07 | |

| WIDE | 3.0 mm LONG — DEEP 1.4 | 1.5 | 1.6 | 1.8 | 2.0 | |
|---|---|---|---|---|---|---|
| 1.8 | 0.07 | 0.07 | 0.08 | 0.09 | 0.10 | CARATS |
| 2.0 | 0.07 | 0.08 | 0.09 | 0.10 | 0.11 | |
| 2.1 | 0.08 | 0.08 | 0.09 | 0.10 | 0.11 | |
| 2.2 | 0.08 | 0.09 | 0.09 | 0.11 | 0.12 | |
| 2.3 | 0.09 | 0.09 | 0.10 | 0.11 | 0.12 | |
| 2.4 | 0.09 | 0.10 | 0.10 | 0.11 | 0.13 | |
| 2.6 | 0.10 | 0.10 | 0.11 | 0.12 | 0.14 | |
| 2.8 | 0.10 | 0.11 | 0.12 | 0.13 | 0.15 | |
| 3.0 | 0.11 | 0.12 | 0.13 | 0.14 | 0.16 | |

| WIDE | 3.5 mm LONG — DEEP 1.0 | 1.1 | 1.2 | 1.3 | 1.4 | |
|---|---|---|---|---|---|---|
| 1.0 | 0.03 | 0.03 | 0.04 | 0.04 | 0.04 | CARATS |
| 1.1 | 0.03 | 0.04 | 0.04 | 0.04 | 0.05 | |
| 1.2 | 0.04 | 0.04 | 0.04 | 0.05 | 0.05 | |
| 1.3 | 0.04 | 0.04 | 0.05 | 0.05 | 0.06 | |
| 1.4 | 0.04 | 0.05 | 0.05 | 0.06 | 0.06 | |
| 1.5 | 0.05 | 0.05 | 0.06 | 0.06 | 0.07 | |
| 1.6 | 0.05 | 0.05 | 0.06 | 0.06 | 0.07 | |
| 1.8 | 0.06 | 0.06 | 0.07 | 0.07 | 0.08 | |
| 2.0 | 0.06 | 0.07 | 0.07 | 0.08 | 0.09 | |

## ESTIMATED WEIGHTS OF SQUARE / BAGUETTE / EMERALD DIAMONDS



| WIDE | 3.5 mm LONG | | | | | CARATS |
|---|---|---|---|---|---|---|
| | DEEP | | | | | |
| | 1.4 | 1.6 | 1.9 | 2.2 | 2.5 | |
| 2.0 | 0.09 | 0.10 | 0.12 | 0.14 | 0.15 | |
| 2.2 | 0.10 | 0.11 | 0.13 | 0.15 | 0.17 | |
| 2.4 | 0.10 | 0.12 | 0.14 | 0.16 | 0.19 | |
| 2.6 | 0.11 | 0.13 | 0.15 | 0.18 | 0.20 | |
| 2.8 | 0.12 | 0.14 | 0.16 | 0.19 | 0.22 | |
| 3.0 | 0.13 | 0.15 | 0.18 | 0.20 | 0.23 | |
| 3.2 | 0.14 | 0.16 | 0.19 | 0.22 | 0.25 | |
| 3.4 | 0.15 | 0.17 | 0.20 | 0.23 | 0.26 | |
| 3.5 | 0.15 | 0.17 | 0.21 | 0.24 | 0.27 | |
| WIDE | 4.0 mm LONG | | | | | CARATS |
| | DEEP | | | | | |
| | 1.0 | 1.1 | 1.2 | 1.4 | 1.6 | |
| 1.0 | 0.04 | 0.04 | 0.04 | 0.05 | 0.06 | |
| 1.1 | 0.04 | 0.04 | 0.05 | 0.05 | 0.06 | |
| 1.2 | 0.04 | 0.05 | 0.05 | 0.06 | 0.07 | |
| 1.3 | 0.05 | 0.05 | 0.06 | 0.06 | 0.07 | |
| 1.4 | 0.05 | 0.05 | 0.06 | 0.07 | 0.08 | |
| 1.5 | 0.05 | 0.06 | 0.06 | 0.07 | 0.09 | |
| 1.6 | 0.06 | 0.06 | 0.07 | 0.08 | 0.09 | |
| 1.8 | 0.06 | 0.07 | 0.08 | 0.09 | 0.10 | |
| 2.0 | 0.07 | 0.08 | 0.09 | 0.10 | 0.11 | |
| WIDE | 4.0 mm LONG | | | | | CARATS |
| | DEEP | | | | | |
| | 1.6 | 1.9 | 2.2 | 2.5 | 2.8 | |
| 2.0 | 0.11 | 0.13 | 0.16 | 0.18 | 0.20 | |
| 2.2 | 0.12 | 0.15 | 0.17 | 0.19 | 0.22 | |
| 2.4 | 0.14 | 0.16 | 0.19 | 0.21 | 0.24 | |
| 2.7 | 0.15 | 0.18 | 0.21 | 0.24 | 0.27 | |
| 3.0 | 0.17 | 0.20 | 0.23 | 0.27 | 0.30 | |
| 3.3 | 0.19 | 0.22 | 0.26 | 0.29 | 0.33 | |
| 3.6 | 0.20 | 0.24 | 0.28 | 0.32 | 0.36 | |
| 3.8 | 0.22 | 0.26 | 0.30 | 0.34 | 0.38 | |
| 4.0 | 0.23 | 0.27 | 0.31 | 0.35 | 0.40 | |

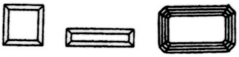
## ESTIMATED WEIGHTS OF SQUARE / BAGUETTE / EMERALD DIAMONDS

| WIDE | 4.5 mm LONG | | | | | |
|---|---|---|---|---|---|---|
| | DEEP | | | | | |
| | 1.0 | 1.2 | 1.4 | 1.6 | 1.8 | |
| 1.0 | 0.04 | 0.05 | 0.06 | 0.06 | 0.07 | CARATS |
| 1.2 | 0.05 | 0.06 | 0.07 | 0.08 | 0.09 | |
| 1.4 | 0.06 | 0.07 | 0.08 | 0.09 | 0.10 | |
| 1.6 | 0.06 | 0.08 | 0.09 | 0.10 | 0.11 | |
| 1.8 | 0.07 | 0.09 | 0.10 | 0.11 | 0.13 | |
| 2.0 | 0.08 | 0.10 | 0.11 | 0.13 | 0.14 | |
| 2.2 | 0.09 | 0.11 | 0.12 | 0.14 | 0.16 | |
| 2.4 | 0.10 | 0.11 | 0.13 | 0.15 | 0.17 | |
| 2.6 | 0.10 | 0.12 | 0.15 | 0.17 | 0.19 | |

| WIDE | 4.5 mm LONG | | | | | |
|---|---|---|---|---|---|---|
| | DEEP | | | | | |
| | 1.8 | 2.3 | 2.6 | 2.9 | 3.2 | |
| 2.6 | 0.19 | 0.24 | 0.27 | 0.30 | 0.33 | CARATS |
| 2.8 | 0.20 | 0.26 | 0.29 | 0.32 | 0.36 | |
| 3.0 | 0.22 | 0.27 | 0.31 | 0.35 | 0.38 | |
| 3.2 | 0.23 | 0.29 | 0.33 | 0.37 | 0.41 | |
| 3.4 | 0.24 | 0.31 | 0.35 | 0.39 | 0.43 | |
| 3.6 | 0.26 | 0.33 | 0.37 | 0.42 | 0.46 | |
| 3.9 | 0.28 | 0.36 | 0.40 | 0.45 | 0.50 | |
| 4.2 | 0.30 | 0.38 | 0.44 | 0.49 | 0.54 | |
| 4.5 | 0.32 | 0.41 | 0.47 | 0.52 | 0.57 | |

| WIDE | 5.0 mm LONG | | | | | |
|---|---|---|---|---|---|---|
| | DEEP | | | | | |
| | 1.0 | 1.2 | 1.4 | 1.6 | 1.8 | |
| 1.0 | 0.04 | 0.05 | 0.06 | 0.07 | 0.08 | CARATS |
| 1.2 | 0.05 | 0.06 | 0.07 | 0.09 | 0.10 | |
| 1.4 | 0.06 | 0.07 | 0.09 | 0.10 | 0.11 | |
| 1.6 | 0.07 | 0.09 | 0.10 | 0.11 | 0.13 | |
| 1.8 | 0.08 | 0.10 | 0.11 | 0.13 | 0.14 | |
| 2.0 | 0.09 | 0.11 | 0.12 | 0.14 | 0.16 | |
| 2.3 | 0.10 | 0.12 | 0.14 | 0.16 | 0.18 | |
| 2.6 | 0.12 | 0.14 | 0.16 | 0.18 | 0.21 | |
| 2.9 | 0.13 | 0.15 | 0.18 | 0.21 | 0.23 | |

# ESTIMATED WEIGHTS OF SQUARE / BAGUETTE / EMERALD DIAMONDS

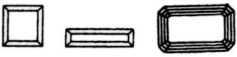


| WIDE | 5.0 mm LONG<br>DEEP | | | | | |
|---|---|---|---|---|---|---|
| | 1.8 | 2.1 | 2.5 | 3.0 | 3.5 | |
| 2.6 | 0.21 | 0.24 | 0.29 | 0.35 | 0.40 | CARATS |
| 2.9 | 0.23 | 0.27 | 0.32 | 0.39 | 0.45 | |
| 3.2 | 0.26 | 0.30 | 0.35 | 0.43 | 0.50 | |
| 3.5 | 0.28 | 0.33 | 0.39 | 0.46 | 0.54 | |
| 3.8 | 0.30 | 0.35 | 0.42 | 0.50 | 0.59 | |
| 4.1 | 0.33 | 0.38 | 0.45 | 0.54 | 0.64 | |
| 4.4 | 0.35 | 0.41 | 0.49 | 0.58 | 0.68 | |
| 4.7 | 0.37 | 0.44 | 0.52 | 0.62 | 0.73 | |
| 5.0 | 0.40 | 0.46 | 0.55 | 0.66 | 0.77 | |

| WIDE | 5.5 mm LONG<br>DEEP | | | | | |
|---|---|---|---|---|---|---|
| | 1.0 | 1.2 | 1.4 | 1.6 | 1.8 | |
| 1.1 | 0.05 | 0.06 | 0.08 | 0.09 | 0.10 | CARATS |
| 1.2 | 0.06 | 0.07 | 0.08 | 0.09 | 0.11 | |
| 1.4 | 0.07 | 0.08 | 0.10 | 0.11 | 0.12 | |
| 1.6 | 0.08 | 0.09 | 0.11 | 0.12 | 0.14 | |
| 1.8 | 0.09 | 0.11 | 0.12 | 0.14 | 0.16 | |
| 2.0 | 0.10 | 0.12 | 0.14 | 0.16 | 0.18 | |
| 2.3 | 0.11 | 0.13 | 0.16 | 0.18 | 0.20 | |
| 2.6 | 0.13 | 0.15 | 0.18 | 0.20 | 0.23 | |
| 2.9 | 0.14 | 0.17 | 0.20 | 0.23 | 0.25 | |

| WIDE | 5.5 mm LONG<br>DEEP | | | | | |
|---|---|---|---|---|---|---|
| | 1.8 | 2.1 | 2.5 | 3.0 | 3.5 | |
| 2.9 | 0.25 | 0.30 | 0.35 | 0.42 | 0.49 | CARATS |
| 3.2 | 0.28 | 0.33 | 0.39 | 0.47 | 0.55 | |
| 3.5 | 0.31 | 0.36 | 0.43 | 0.51 | 0.60 | |
| 3.8 | 0.33 | 0.39 | 0.46 | 0.56 | 0.65 | |
| 4.1 | 0.36 | 0.42 | 0.50 | 0.60 | 0.70 | |
| 4.4 | 0.39 | 0.45 | 0.54 | 0.64 | 0.75 | |
| 4.7 | 0.41 | 0.48 | 0.57 | 0.69 | 0.80 | |
| 5.0 | 0.44 | 0.51 | 0.61 | 0.73 | 0.85 | |
| 5.5 | 0.48 | 0.56 | 0.67 | 0.80 | 0.94 | |

## ESTIMATED WEIGHTS OF SQUARE / BAGUETTE / EMERALD DIAMONDS

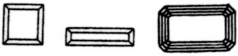


| WIDE | 6.0 mm LONG | | | | | |
|---|---|---|---|---|---|---|
| | DEEP | | | | | |
| | 1.2 | 1.4 | 1.7 | 2.1 | 2.4 | |
| 1.2 | 0.08 | 0.09 | 0.11 | 0.13 | 0.15 | CARATS |
| 1.4 | 0.09 | 0.10 | 0.13 | 0.16 | 0.18 | |
| 1.6 | 0.10 | 0.12 | 0.14 | 0.18 | 0.20 | |
| 1.8 | 0.11 | 0.13 | 0.16 | 0.20 | 0.23 | |
| 2.0 | 0.13 | 0.15 | 0.18 | 0.22 | 0.26 | |
| 2.2 | 0.14 | 0.16 | 0.20 | 0.25 | 0.28 | |
| 2.4 | 0.15 | 0.18 | 0.22 | 0.27 | 0.31 | |
| 2.6 | 0.17 | 0.19 | 0.23 | 0.29 | 0.33 | |
| 2.9 | 0.18 | 0.22 | 0.26 | 0.32 | 0.37 | |

| WIDE | 6.0 mm LONG | | | | | |
|---|---|---|---|---|---|---|
| | DEEP | | | | | |
| | 2.4 | 2.7 | 3.0 | 3.5 | 4.0 | |
| 2.9 | 0.37 | 0.42 | 0.46 | 0.54 | 0.62 | CARATS |
| 3.2 | 0.41 | 0.46 | 0.51 | 0.60 | 0.68 | |
| 3.5 | 0.45 | 0.50 | 0.56 | 0.65 | 0.74 | |
| 3.9 | 0.50 | 0.56 | 0.62 | 0.73 | 0.83 | |
| 4.3 | 0.55 | 0.62 | 0.69 | 0.80 | 0.91 | |
| 4.7 | 0.60 | 0.67 | 0.75 | 0.87 | 1.00 | |
| 5.1 | 0.65 | 0.73 | 0.81 | 0.95 | 1.08 | |
| 5.5 | 0.70 | 0.79 | 0.88 | 1.02 | 1.17 | |
| 6.0 | 0.77 | 0.86 | 0.96 | 1.12 | 1.28 | |

| WIDE | 6.5 mm LONG | | | | | |
|---|---|---|---|---|---|---|
| | DEEP | | | | | |
| | 1.2 | 1.4 | 1.7 | 2.1 | 2.4 | |
| 1.3 | 0.09 | 0.10 | 0.13 | 0.16 | 0.18 | CARATS |
| 1.5 | 0.10 | 0.12 | 0.15 | 0.18 | 0.21 | |
| 1.7 | 0.12 | 0.14 | 0.17 | 0.21 | 0.23 | |
| 1.9 | 0.13 | 0.15 | 0.19 | 0.23 | 0.26 | |
| 2.1 | 0.15 | 0.17 | 0.21 | 0.25 | 0.29 | |
| 2.4 | 0.17 | 0.19 | 0.23 | 0.29 | 0.33 | |
| 2.7 | 0.19 | 0.22 | 0.26 | 0.33 | 0.37 | |
| 3.0 | 0.21 | 0.24 | 0.29 | 0.36 | 0.41 | |
| 3.3 | 0.23 | 0.27 | 0.32 | 0.40 | 0.46 | |

## ESTIMATED WEIGHTS OF SQUARE / BAGUETTE / EMERALD DIAMONDS

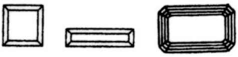


| WIDE | 6.5 mm LONG | | | | | |
|---|---|---|---|---|---|---|
| | DEEP | | | | | |
| | 2.4 | 2.7 | 3.0 | 3.5 | 4.0 | |
| 3.3 | 0.46 | 0.51 | 0.57 | 0.66 | 0.76 | CARATS |
| 3.7 | 0.51 | 0.58 | 0.64 | 0.75 | 0.85 | |
| 4.1 | 0.57 | 0.64 | 0.71 | 0.83 | 0.94 | |
| 4.5 | 0.62 | 0.70 | 0.78 | 0.91 | 1.04 | |
| 4.9 | 0.68 | 0.76 | 0.85 | 0.99 | 1.13 | |
| 5.3 | 0.73 | 0.82 | 0.92 | 1.07 | 1.22 | |
| 5.7 | 0.79 | 0.89 | 0.98 | 1.15 | 1.31 | |
| 6.1 | 0.84 | 0.95 | 1.05 | 1.23 | 1.40 | |
| 6.5 | 0.90 | 1.01 | 1.12 | 1.31 | 1.50 | |

| WIDE | 7.0 mm LONG | | | | | |
|---|---|---|---|---|---|---|
| | DEEP | | | | | |
| | 1.2 | 1.4 | 1.7 | 2.0 | 2.5 | |
| 1.4 | 0.10 | 0.12 | 0.15 | 0.17 | 0.22 | CARATS |
| 1.6 | 0.12 | 0.14 | 0.17 | 0.20 | 0.25 | |
| 1.8 | 0.13 | 0.16 | 0.19 | 0.22 | 0.28 | |
| 2.0 | 0.15 | 0.17 | 0.21 | 0.25 | 0.31 | |
| 2.2 | 0.16 | 0.19 | 0.23 | 0.27 | 0.34 | |
| 2.5 | 0.19 | 0.22 | 0.26 | 0.31 | 0.39 | |
| 2.8 | 0.21 | 0.24 | 0.30 | 0.35 | 0.43 | |
| 3.1 | 0.23 | 0.27 | 0.33 | 0.38 | 0.48 | |
| 3.4 | 0.25 | 0.30 | 0.36 | 0.42 | 0.53 | |

| WIDE | 7.0 mm LONG | | | | | |
|---|---|---|---|---|---|---|
| | DEEP | | | | | |
| | 2.5 | 3.0 | 3.5 | 4.0 | 4.5 | |
| 3.4 | 0.53 | 0.63 | 0.74 | 0.84 | 0.95 | CARATS |
| 3.8 | 0.59 | 0.71 | 0.82 | 0.94 | 1.06 | |
| 4.3 | 0.67 | 0.80 | 0.93 | 1.07 | 1.20 | |
| 4.8 | 0.74 | 0.89 | 1.04 | 1.19 | 1.34 | |
| 5.3 | 0.82 | 0.99 | 1.15 | 1.31 | 1.48 | |
| 5.7 | 0.88 | 1.06 | 1.24 | 1.41 | 1.59 | |
| 6.1 | 0.95 | 1.13 | 1.32 | 1.51 | 1.70 | |
| 6.5 | 1.01 | 1.21 | 1.41 | 1.61 | 1.81 | |
| 7.0 | 1.08 | 1.30 | 1.52 | 1.74 | 1.95 | |

# ESTIMATED WEIGHTS OF SQUARE / BAGUETTE / EMERALD DIAMONDS

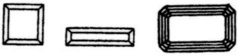


| WIDE | 7.5 mm LONG | | | | | |
|---|---|---|---|---|---|---|
| | DEEP | | | | | |
| | 1.2 | 1.4 | 1.7 | 2.0 | 2.5 | |
| 1.4 | 0.11 | 0.13 | 0.16 | 0.19 | 0.23 | CARATS |
| 1.7 | 0.14 | 0.16 | 0.19 | 0.23 | 0.28 | |
| 2.0 | 0.16 | 0.19 | 0.23 | 0.27 | 0.33 | |
| 2.2 | 0.18 | 0.20 | 0.25 | 0.29 | 0.37 | |
| 2.5 | 0.20 | 0.23 | 0.28 | 0.33 | 0.42 | |
| 2.8 | 0.22 | 0.26 | 0.32 | 0.37 | 0.46 | |
| 3.1 | 0.25 | 0.29 | 0.35 | 0.41 | 0.51 | |
| 3.4 | 0.27 | 0.32 | 0.38 | 0.45 | 0.56 | |
| 3.8 | 0.30 | 0.35 | 0.43 | 0.50 | 0.63 | |

| WIDE | 7.5 mm LONG | | | | | |
|---|---|---|---|---|---|---|
| | DEEP | | | | | |
| | 2.5 | 3.0 | 3.5 | 4.0 | 4.5 | |
| 3.8 | 0.63 | 0.76 | 0.88 | 1.01 | 1.14 | CARATS |
| 4.3 | 0.71 | 0.86 | 1.00 | 1.14 | 1.29 | |
| 4.8 | 0.80 | 0.96 | 1.12 | 1.28 | 1.43 | |
| 5.3 | 0.88 | 1.06 | 1.23 | 1.41 | 1.58 | |
| 5.7 | 0.95 | 1.14 | 1.33 | 1.51 | 1.70 | |
| 6.1 | 1.01 | 1.22 | 1.42 | 1.62 | 1.82 | |
| 6.5 | 1.08 | 1.30 | 1.51 | 1.73 | 1.94 | |
| 7.0 | 1.16 | 1.39 | 1.63 | 1.86 | 2.09 | |
| 7.5 | 1.24 | 1.49 | 1.74 | 1.99 | 2.24 | |

| WIDE | 8.0 mm LONG | | | | | |
|---|---|---|---|---|---|---|
| | DEEP | | | | | |
| | 1.4 | 1.7 | 2.0 | 2.5 | 3.0 | |
| 1.5 | 0.15 | 0.18 | 0.21 | 0.27 | 0.32 | CARATS |
| 1.8 | 0.18 | 0.22 | 0.26 | 0.32 | 0.38 | |
| 2.1 | 0.21 | 0.25 | 0.30 | 0.37 | 0.45 | |
| 2.4 | 0.24 | 0.29 | 0.34 | 0.43 | 0.51 | |
| 2.7 | 0.27 | 0.33 | 0.38 | 0.48 | 0.57 | |
| 3.0 | 0.30 | 0.36 | 0.43 | 0.53 | 0.64 | |
| 3.4 | 0.34 | 0.41 | 0.48 | 0.60 | 0.72 | |
| 3.8 | 0.38 | 0.46 | 0.54 | 0.67 | 0.81 | |
| 4.3 | 0.43 | 0.52 | 0.61 | 0.76 | 0.91 | |

# ESTIMATED WEIGHTS OF SQUARE / BAGUETTE / EMERALD DIAMONDS

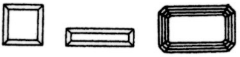


| WIDE | 8.0 mm LONG | | | | | |
|---|---|---|---|---|---|---|
| | DEEP | | | | | |
| | 3.0 | 3.5 | 4.0 | 4.5 | 5.0 | |
| 4.3 | 0.91 | 1.07 | 1.22 | 1.37 | 1.52 | CARATS |
| 4.8 | 1.02 | 1.19 | 1.36 | 1.53 | 1.70 | |
| 5.3 | 1.13 | 1.31 | 1.50 | 1.69 | 1.88 | |
| 5.7 | 1.21 | 1.41 | 1.62 | 1.82 | 2.02 | |
| 6.1 | 1.30 | 1.51 | 1.73 | 1.94 | 2.16 | |
| 6.5 | 1.38 | 1.61 | 1.84 | 2.07 | 2.30 | |
| 7.0 | 1.49 | 1.74 | 1.98 | 2.23 | 2.48 | |
| 7.5 | 1.59 | 1.86 | 2.13 | 2.39 | 2.66 | |
| 8.0 | 1.70 | 1.98 | 2.27 | 2.55 | 2.83 | |

| WIDE | 8.5 mm LONG | | | | | |
|---|---|---|---|---|---|---|
| | DEEP | | | | | |
| | 1.4 | 1.7 | 2.0 | 2.5 | 3.0 | |
| 1.8 | 0.19 | 0.23 | 0.27 | 0.34 | 0.41 | CARATS |
| 2.1 | 0.22 | 0.27 | 0.32 | 0.40 | 0.47 | |
| 2.4 | 0.25 | 0.31 | 0.36 | 0.45 | 0.54 | |
| 2.7 | 0.28 | 0.35 | 0.41 | 0.51 | 0.61 | |
| 3.1 | 0.33 | 0.40 | 0.47 | 0.58 | 0.70 | |
| 3.5 | 0.37 | 0.45 | 0.53 | 0.66 | 0.79 | |
| 3.9 | 0.41 | 0.50 | 0.59 | 0.73 | 0.88 | |
| 4.4 | 0.46 | 0.56 | 0.66 | 0.83 | 0.99 | |
| 4.9 | 0.52 | 0.63 | 0.74 | 0.92 | 1.11 | |

| WIDE | 8.5 mm LONG | | | | | |
|---|---|---|---|---|---|---|
| | DEEP | | | | | |
| | 3.0 | 3.5 | 4.0 | 4.5 | 5.0 | |
| 4.9 | 1.11 | 1.29 | 1.48 | 1.66 | 1.84 | CARATS |
| 5.4 | 1.22 | 1.42 | 1.63 | 1.83 | 2.03 | |
| 5.8 | 1.31 | 1.53 | 1.75 | 1.96 | 2.18 | |
| 6.1 | 1.38 | 1.61 | 1.84 | 2.07 | 2.30 | |
| 6.5 | 1.47 | 1.71 | 1.96 | 2.20 | 2.45 | |
| 7.0 | 1.58 | 1.84 | 2.11 | 2.37 | 2.63 | |
| 7.5 | 1.69 | 1.98 | 2.26 | 2.54 | 2.82 | |
| 8.0 | 1.81 | 2.11 | 2.41 | 2.71 | 3.01 | |
| 8.5 | 1.92 | 2.24 | 2.56 | 2.88 | 3.20 | |

## ESTIMATED WEIGHTS OF SQUARE / BAGUETTE / EMERALD DIAMONDS

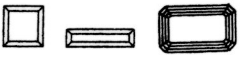


| WIDE | 9.0 mm LONG | | | | | |
|---|---|---|---|---|---|---|
| | DEEP | | | | | |
| | 1.7 | 2.0 | 2.5 | 3.0 | 3.5 | CARATS |
| 2.3 | 0.31 | 0.37 | 0.46 | 0.55 | 0.64 | |
| 2.6 | 0.35 | 0.41 | 0.52 | 0.62 | 0.73 | |
| 2.9 | 0.39 | 0.46 | 0.58 | 0.69 | 0.81 | |
| 3.2 | 0.43 | 0.51 | 0.64 | 0.77 | 0.89 | |
| 3.6 | 0.49 | 0.57 | 0.72 | 0.86 | 1.00 | |
| 4.2 | 0.57 | 0.67 | 0.84 | 1.00 | 1.17 | |
| 4.7 | 0.64 | 0.75 | 0.94 | 1.12 | 1.31 | |
| 5.1 | 0.69 | 0.81 | 1.02 | 1.22 | 1.42 | |
| 5.5 | 0.75 | 0.88 | 1.10 | 1.32 | 1.53 | |

| WIDE | 9.0 mm LONG | | | | | |
|---|---|---|---|---|---|---|
| | DEEP | | | | | |
| | 3.5 | 4.0 | 4.5 | 5.0 | 5.5 | CARATS |
| 5.5 | 1.53 | 1.75 | 1.97 | 2.19 | 2.41 | |
| 5.8 | 1.62 | 1.85 | 2.08 | 2.31 | 2.54 | |
| 6.1 | 1.70 | 1.94 | 2.19 | 2.43 | 2.67 | |
| 6.5 | 1.81 | 2.07 | 2.33 | 2.59 | 2.85 | |
| 7.0 | 1.95 | 2.23 | 2.51 | 2.79 | 3.07 | |
| 7.5 | 2.09 | 2.39 | 2.69 | 2.99 | 3.29 | |
| 8.0 | 2.23 | 2.55 | 2.87 | 3.19 | 3.51 | |
| 8.5 | 2.37 | 2.71 | 3.05 | 3.39 | 3.73 | |
| 9.0 | 2.51 | 2.87 | 3.23 | 3.59 | 3.95 | |

| WIDE | 9.5 mm LONG | | | | | |
|---|---|---|---|---|---|---|
| | DEEP | | | | | |
| | 1.7 | 2.0 | 2.5 | 3.0 | 3.5 | CARATS |
| 2.5 | 0.36 | 0.42 | 0.53 | 0.63 | 0.74 | |
| 2.8 | 0.40 | 0.47 | 0.59 | 0.71 | 0.82 | |
| 3.1 | 0.44 | 0.52 | 0.65 | 0.78 | 0.91 | |
| 3.5 | 0.50 | 0.59 | 0.74 | 0.88 | 1.03 | |
| 4.0 | 0.57 | 0.67 | 0.84 | 1.01 | 1.18 | |
| 4.5 | 0.64 | 0.76 | 0.95 | 1.14 | 1.33 | |
| 5.0 | 0.72 | 0.84 | 1.05 | 1.26 | 1.47 | |
| 5.4 | 0.77 | 0.91 | 1.14 | 1.36 | 1.59 | |
| 5.8 | 0.83 | 0.98 | 1.22 | 1.46 | 1.71 | |

## ESTIMATED WEIGHTS OF SQUARE / BAGUETTE / EMERALD DIAMONDS

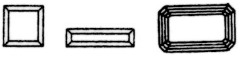


| WIDE | 9.5 mm LONG | | | | | |
|---|---|---|---|---|---|---|
| | DEEP | | | | | |
| | 3.5 | 4.0 | 4.5 | 5.0 | 5.5 | |
| 5.8 | 1.71 | 1.95 | 2.20 | 2.44 | 2.68 | CARATS |
| 6.1 | 1.80 | 2.05 | 2.31 | 2.57 | 2.82 | |
| 6.4 | 1.88 | 2.15 | 2.42 | 2.69 | 2.96 | |
| 6.8 | 2.00 | 2.29 | 2.57 | 2.86 | 3.15 | |
| 7.2 | 2.12 | 2.42 | 2.73 | 3.03 | 3.33 | |
| 7.7 | 2.27 | 2.59 | 2.92 | 3.24 | 3.56 | |
| 8.2 | 2.41 | 2.76 | 3.10 | 3.45 | 3.79 | |
| 8.8 | 2.59 | 2.96 | 3.33 | 3.70 | 4.07 | |
| 9.5 | 2.80 | 3.20 | 3.60 | 4.00 | 4.40 | |

| WIDE | 10.0 mm LONG | | | | | |
|---|---|---|---|---|---|---|
| | DEEP | | | | | |
| | 2.0 | 2.5 | 3.0 | 3.5 | 4.0 | |
| 2.7 | 0.48 | 0.60 | 0.72 | 0.84 | 0.96 | CARATS |
| 3.0 | 0.53 | 0.66 | 0.80 | 0.93 | 1.06 | |
| 3.4 | 0.60 | 0.75 | 0.90 | 1.05 | 1.20 | |
| 3.8 | 0.67 | 0.84 | 1.01 | 1.18 | 1.35 | |
| 4.3 | 0.76 | 0.95 | 1.14 | 1.33 | 1.52 | |
| 4.9 | 0.87 | 1.08 | 1.30 | 1.52 | 1.74 | |
| 5.5 | 0.97 | 1.22 | 1.46 | 1.70 | 1.95 | |
| 6.0 | 1.06 | 1.33 | 1.59 | 1.86 | 2.13 | |
| 6.4 | 1.13 | 1.42 | 1.70 | 1.98 | 2.27 | |

| WIDE | 10.0 mm LONG | | | | | |
|---|---|---|---|---|---|---|
| | DEEP | | | | | |
| | 4.0 | 5.0 | 5.5 | 6.0 | 6.5 | |
| 6.4 | 2.27 | 2.83 | 3.12 | 3.40 | 3.68 | CARATS |
| 6.8 | 2.41 | 3.01 | 3.31 | 3.61 | 3.91 | |
| 7.2 | 2.55 | 3.19 | 3.51 | 3.83 | 4.14 | |
| 7.6 | 2.69 | 3.37 | 3.70 | 4.04 | 4.38 | |
| 8.0 | 2.83 | 3.54 | 3.90 | 4.25 | 4.61 | |
| 8.5 | 3.01 | 3.76 | 4.14 | 4.52 | 4.89 | |
| 9.0 | 3.19 | 3.99 | 4.38 | 4.78 | 5.18 | |
| 9.5 | 3.37 | 4.21 | 4.63 | 5.05 | 5.47 | |
| 10.0 | 3.54 | 4.43 | 4.87 | 5.31 | 5.76 | |

# ESTIMATED WEIGHTS OF SQUARE / BAGUETTE / EMERALD DIAMONDS

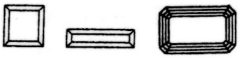


| WIDE | 10.5 mm LONG — DEEP 2.0 | 2.5 | 3.0 | 3.5 | 4.0 | |
|---|---|---|---|---|---|---|
| 2.8 | 0.52 | 0.65 | 0.78 | 0.91 | 1.04 | CARATS |
| 3.1 | 0.58 | 0.72 | 0.86 | 1.01 | 1.15 | |
| 3.4 | 0.63 | 0.79 | 0.95 | 1.11 | 1.26 | |
| 3.7 | 0.69 | 0.86 | 1.03 | 1.20 | 1.38 | |
| 4.1 | 0.76 | 0.95 | 1.14 | 1.33 | 1.53 | |
| 4.5 | 0.84 | 1.05 | 1.26 | 1.46 | 1.67 | |
| 5.0 | 0.93 | 1.16 | 1.39 | 1.63 | 1.86 | |
| 5.6 | 1.04 | 1.30 | 1.56 | 1.82 | 2.08 | |
| 6.2 | 1.15 | 1.44 | 1.73 | 2.02 | 2.31 | |

| WIDE | 10.5 mm LONG — DEEP 4.0 | 5.0 | 5.5 | 6.0 | 6.5 | |
|---|---|---|---|---|---|---|
| 6.2 | 2.31 | 2.88 | 3.17 | 3.46 | 3.75 | CARATS |
| 6.8 | 2.53 | 3.16 | 3.48 | 3.79 | 4.11 | |
| 7.3 | 2.72 | 3.39 | 3.73 | 4.07 | 4.41 | |
| 7.8 | 2.90 | 3.63 | 3.99 | 4.35 | 4.71 | |
| 8.3 | 3.09 | 3.86 | 4.25 | 4.63 | 5.02 | |
| 8.8 | 3.27 | 4.09 | 4.50 | 4.91 | 5.32 | |
| 9.4 | 3.50 | 4.37 | 4.81 | 5.24 | 5.68 | |
| 10.0 | 3.72 | 4.65 | 5.11 | 5.58 | 6.04 | |
| 10.5 | 3.91 | 4.88 | 5.37 | 5.86 | 6.35 | |

| WIDE | 11.0 mm LONG — DEEP 2.0 | 2.5 | 3.0 | 3.5 | 4.0 | |
|---|---|---|---|---|---|---|
| 3.0 | 0.58 | 0.73 | 0.88 | 1.02 | 1.17 | CARATS |
| 3.3 | 0.64 | 0.80 | 0.96 | 1.13 | 1.29 | |
| 3.6 | 0.70 | 0.88 | 1.05 | 1.23 | 1.40 | |
| 3.9 | 0.76 | 0.95 | 1.14 | 1.33 | 1.52 | |
| 4.3 | 0.84 | 1.05 | 1.26 | 1.47 | 1.68 | |
| 4.8 | 0.94 | 1.17 | 1.40 | 1.64 | 1.87 | |
| 5.4 | 1.05 | 1.32 | 1.58 | 1.84 | 2.10 | |
| 6.1 | 1.19 | 1.49 | 1.78 | 2.08 | 2.38 | |
| 6.8 | 1.32 | 1.66 | 1.99 | 2.32 | 2.65 | |

# ESTIMATED WEIGHTS OF SQUARE / BAGUETTE / EMERALD DIAMONDS

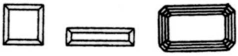


| WIDE | 11.0 mm LONG | | | | | |
|---|---|---|---|---|---|---|
| | DEEP | | | | | |
| | 4.0 | 5.0 | 5.5 | 6.0 | 6.5 | |
| 6.8 | 2.65 | 3.31 | 3.64 | 3.97 | 4.31 | CARATS |
| 7.4 | 2.88 | 3.60 | 3.96 | 4.33 | 4.69 | |
| 8.0 | 3.12 | 3.90 | 4.29 | 4.68 | 5.07 | |
| 8.5 | 3.31 | 4.14 | 4.55 | 4.97 | 5.38 | |
| 9.0 | 3.51 | 4.38 | 4.82 | 5.26 | 5.70 | |
| 9.5 | 3.70 | 4.63 | 5.09 | 5.55 | 6.02 | |
| 10.0 | 3.90 | 4.87 | 5.36 | 5.85 | 6.33 | |
| 10.5 | 4.09 | 5.11 | 5.63 | 6.14 | 6.65 | |
| 11.0 | 4.29 | 5.36 | 5.89 | 6.43 | 6.97 | |

| WIDE | 11.5 mm LONG | | | | | |
|---|---|---|---|---|---|---|
| | DEEP | | | | | |
| | 2.0 | 2.5 | 3.0 | 3.5 | 4.0 | |
| 3.3 | 0.67 | 0.84 | 1.01 | 1.18 | 1.34 | CARATS |
| 3.6 | 0.73 | 0.92 | 1.10 | 1.28 | 1.47 | |
| 3.9 | 0.79 | 0.99 | 1.19 | 1.39 | 1.59 | |
| 4.3 | 0.88 | 1.09 | 1.31 | 1.53 | 1.75 | |
| 4.8 | 0.98 | 1.22 | 1.47 | 1.71 | 1.96 | |
| 5.4 | 1.10 | 1.37 | 1.65 | 1.92 | 2.20 | |
| 6.0 | 1.22 | 1.53 | 1.83 | 2.14 | 2.44 | |
| 6.6 | 1.34 | 1.68 | 2.02 | 2.35 | 2.69 | |
| 7.3 | 1.49 | 1.86 | 2.23 | 2.60 | 2.97 | |

| WIDE | 11.5 mm LONG | | | | | |
|---|---|---|---|---|---|---|
| | DEEP | | | | | |
| | 4.0 | 5.0 | 5.5 | 6.0 | 6.5 | |
| 7.3 | 2.97 | 3.72 | 4.09 | 4.46 | 4.83 | CARATS |
| 8.0 | 3.26 | 4.07 | 4.48 | 4.89 | 5.30 | |
| 8.5 | 3.46 | 4.33 | 4.76 | 5.19 | 5.63 | |
| 9.0 | 3.67 | 4.58 | 5.04 | 5.50 | 5.96 | |
| 9.5 | 3.87 | 4.84 | 5.32 | 5.81 | 6.29 | |
| 10.0 | 4.07 | 5.09 | 5.60 | 6.11 | 6.62 | |
| 10.5 | 4.28 | 5.35 | 5.88 | 6.42 | 6.95 | |
| 11.0 | 4.48 | 5.60 | 6.16 | 6.72 | 7.28 | |
| 11.5 | 4.68 | 5.86 | 6.44 | 7.03 | 7.61 | |

# ESTIMATED WEIGHTS OF SQUARE / BAGUETTE / EMERALD DIAMONDS

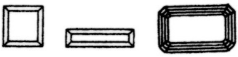


| WIDE | 12.0 mm LONG | | | | | |
|---|---|---|---|---|---|---|
| | DEEP | | | | | |
| | 2.5 | 3.0 | 3.5 | 4.0 | 5.0 | |
| 3.6 | 0.96 | 1.15 | 1.34 | 1.53 | 1.91 | CARATS |
| 3.9 | 1.04 | 1.24 | 1.45 | 1.66 | 2.07 | |
| 4.2 | 1.12 | 1.34 | 1.56 | 1.79 | 2.23 | |
| 4.6 | 1.22 | 1.47 | 1.71 | 1.96 | 2.44 | |
| 5.1 | 1.36 | 1.63 | 1.90 | 2.17 | 2.71 | |
| 5.7 | 1.51 | 1.82 | 2.12 | 2.42 | 3.03 | |
| 6.3 | 1.67 | 2.01 | 2.34 | 2.68 | 3.35 | |
| 6.9 | 1.83 | 2.20 | 2.57 | 2.93 | 3.67 | |
| 7.5 | 1.99 | 2.39 | 2.79 | 3.19 | 3.99 | |

| WIDE | 12.0 mm LONG | | | | | |
|---|---|---|---|---|---|---|
| | DEEP | | | | | |
| | 5.0 | 5.5 | 6.0 | 6.5 | 7.0 | |
| 7.5 | 3.99 | 4.38 | 4.78 | 5.18 | 5.58 | CARATS |
| 8.1 | 4.30 | 4.73 | 5.16 | 5.60 | 6.03 | |
| 8.7 | 4.62 | 5.09 | 5.55 | 6.01 | 6.47 | |
| 9.3 | 4.94 | 5.44 | 5.93 | 6.42 | 6.92 | |
| 9.8 | 5.21 | 5.73 | 6.25 | 6.77 | 7.29 | |
| 10.3 | 5.47 | 6.02 | 6.57 | 7.12 | 7.66 | |
| 10.8 | 5.74 | 6.31 | 6.89 | 7.46 | 8.03 | |
| 11.4 | 6.06 | 6.66 | 7.27 | 7.88 | 8.48 | |
| 12.0 | 6.38 | 7.01 | 7.65 | 8.29 | 8.93 | |

| WIDE | 12.5 mm LONG | | | | | |
|---|---|---|---|---|---|---|
| | DEEP | | | | | |
| | 2.5 | 3.0 | 3.5 | 4.0 | 5.0 | |
| 3.8 | 1.05 | 1.26 | 1.47 | 1.68 | 2.10 | CARATS |
| 4.1 | 1.13 | 1.36 | 1.59 | 1.82 | 2.27 | |
| 4.5 | 1.25 | 1.49 | 1.74 | 1.99 | 2.49 | |
| 5.0 | 1.38 | 1.66 | 1.94 | 2.21 | 2.77 | |
| 5.5 | 1.52 | 1.83 | 2.13 | 2.44 | 3.04 | |
| 6.0 | 1.66 | 1.99 | 2.32 | 2.66 | 3.32 | |
| 6.6 | 1.83 | 2.19 | 2.56 | 2.92 | 3.65 | |
| 7.3 | 2.02 | 2.42 | 2.83 | 3.23 | 4.04 | |
| 8.0 | 2.21 | 2.66 | 3.10 | 3.54 | 4.43 | |

## ESTIMATED WEIGHTS OF SQUARE / BAGUETTE / EMERALD DIAMONDS



| WIDE | 12.5 mm LONG | | | | | |
|---|---|---|---|---|---|---|
| | DEEP | | | | | |
| | 5.0 | 5.5 | 6.0 | 6.5 | 7.0 | |
| 8.0 | 4.43 | 4.87 | 5.31 | 5.76 | 6.20 | CARATS |
| 8.7 | 4.82 | 5.30 | 5.78 | 6.26 | 6.74 | |
| 9.4 | 5.20 | 5.72 | 6.24 | 6.76 | 7.28 | |
| 10.0 | 5.54 | 6.09 | 6.64 | 7.20 | 7.75 | |
| 10.5 | 5.81 | 6.39 | 6.97 | 7.56 | 8.14 | |
| 11.0 | 6.09 | 6.70 | 7.31 | 7.92 | 8.52 | |
| 11.5 | 6.37 | 7.00 | 7.64 | 8.28 | 8.91 | |
| 12.0 | 6.64 | 7.31 | 7.97 | 8.63 | 9.30 | |
| 12.5 | 6.92 | 7.61 | 8.30 | 8.99 | 9.69 | |

| WIDE | 13.0 mm LONG | | | | | |
|---|---|---|---|---|---|---|
| | DEEP | | | | | |
| | 3.0 | 3.5 | 4.0 | 4.5 | 5.5 | |
| 4.0 | 1.38 | 1.61 | 1.84 | 2.07 | 2.53 | CARATS |
| 4.3 | 1.49 | 1.73 | 1.98 | 2.23 | 2.72 | |
| 4.7 | 1.62 | 1.89 | 2.16 | 2.44 | 2.98 | |
| 5.2 | 1.80 | 2.10 | 2.39 | 2.69 | 3.29 | |
| 5.8 | 2.00 | 2.34 | 2.67 | 3.00 | 3.67 | |
| 6.5 | 2.25 | 2.62 | 2.99 | 3.37 | 4.12 | |
| 7.3 | 2.52 | 2.94 | 3.36 | 3.78 | 4.62 | |
| 8.0 | 2.76 | 3.22 | 3.68 | 4.14 | 5.07 | |
| 8.7 | 3.00 | 3.51 | 4.01 | 4.51 | 5.51 | |

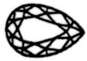
| WIDE | 13.0 mm LONG | | | | | |
|---|---|---|---|---|---|---|
| | DEEP | | | | | |
| | 5.5 | 6.0 | 6.5 | 7.0 | 7.5 | |
| 8.7 | 5.51 | 6.01 | 6.51 | 7.01 | 7.51 | CARATS |
| 9.4 | 5.95 | 6.49 | 7.03 | 7.58 | 8.12 | |
| 10.0 | 6.33 | 6.91 | 7.48 | 8.06 | 8.63 | |
| 10.5 | 6.65 | 7.25 | 7.86 | 8.46 | 9.07 | |
| 11.0 | 6.97 | 7.60 | 8.23 | 8.87 | 9.50 | |
| 11.5 | 7.28 | 7.94 | 8.61 | 9.27 | 9.93 | |
| 12.0 | 7.60 | 8.29 | 8.98 | 9.67 | 10.36 | |
| 12.5 | 7.92 | 8.63 | 9.35 | 10.7 | 10.79 | |
| 13.0 | 8.23 | 8.98 | 9.73 | 10.48 | 11.23 | |

## ESTIMATED WEIGHTS OF PEARSHAPED DIAMONDS

| WIDE | 7.0 mm LONG | | | | | | |
|---|---|---|---|---|---|---|---|
| | DEEP | | | | | | |
| | 2.4 | 2.6 | 2.8 | 3.0 | 3.2 | 3.4 | |
| 4.4 | 0.44 | 0.47 | 0.51 | 0.55 | 0.58 | 0.62 | |
| 4.6 | 0.46 | 0.50 | 0.53 | 0.57 | 0.61 | 0.65 | C |
| 4.8 | 0.48 | 0.52 | 0.56 | 0.60 | 0.64 | 0.68 | A |
| 5.0 | 0.50 | 0.54 | 0.58 | 0.62 | 0.66 | 0.70 | R |
| 5.2 | 0.52 | 0.56 | 0.60 | 0.65 | 0.69 | 0.73 | A |
| 5.4 | 0.54 | 0.58 | 0.63 | 0.67 | 0.72 | 0.76 | T |
| 5.6 | 0.56 | 0.60 | 0.65 | 0.70 | 0.74 | 0.79 | S |
| 5.8 | 0.58 | 0.62 | 0.67 | 0.72 | 0.77 | 0.82 | |

| WIDE | 7.5 mm LONG | | | | | | |
|---|---|---|---|---|---|---|---|
| | DEEP | | | | | | |
| | 2.6 | 2.8 | 3.0 | 3.2 | 3.4 | 3.6 | |
| 4.6 | 0.53 | 0.57 | 0.61 | 0.65 | 0.69 | 0.73 | |
| 4.8 | 0.55 | 0.60 | 0.64 | 0.68 | 0.72 | 0.77 | C |
| 5.0 | 0.58 | 0.62 | 0.67 | 0.71 | 0.75 | 0.80 | A |
| 5.2 | 0.60 | 0.65 | 0.69 | 0.74 | 0.78 | 0.83 | R |
| 5.4 | 0.62 | 0.67 | 0.72 | 0.77 | 0.81 | 0.86 | A |
| 5.6 | 0.65 | 0.70 | 0.75 | 0.79 | 0.84 | 0.89 | T |
| 5.8 | 0.67 | 0.72 | 0.77 | 0.82 | 0.87 | 0.93 | S |
| 6.0 | 0.69 | 0.75 | 0.80 | 0.85 | 0.90 | 0.96 | |

| WIDE | 8.0 mm LONG | | | | | | |
|---|---|---|---|---|---|---|---|
| | DEEP | | | | | | |
| | 2.8 | 3.0 | 3.2 | 3.4 | 3.6 | 3.8 | |
| 4.8 | 0.64 | 0.68 | 0.73 | 0.77 | 0.82 | 0.86 | |
| 5.0 | 0.66 | 0.71 | 0.76 | 0.80 | 0.85 | 0.90 | C |
| 5.2 | 0.69 | 0.74 | 0.79 | 0.84 | 0.89 | 0.93 | A |
| 5.4 | 0.72 | 0.77 | 0.82 | 0.87 | 0.92 | 0.97 | R |
| 5.6 | 0.74 | 0.79 | 0.85 | 0.90 | 0.95 | 1.01 | A |
| 5.8 | 0.77 | 0.82 | 0.88 | 0.93 | 0.99 | 1.04 | T |
| 6.0 | 0.79 | 0.85 | 0.91 | 0.97 | 1.02 | 1.08 | S |
| 6.2 | 0.82 | 0.88 | 0.94 | 1.00 | 1.06 | 1.11 | |

## ESTIMATED WEIGHTS OF PEARSHAPED DIAMONDS 

| WIDE | 8.5 mm LONG | | | | | | |
|---|---|---|---|---|---|---|---|
| | DEEP | | | | | | |
| | 3.0 | 3.2 | 3.4 | 3.6 | 3.8 | 4.0 | |
| 5.2 | 0.78 | 0.84 | 0.89 | 0.94 | 0.99 | 1.05 | |
| 5.4 | 0.81 | 0.87 | 0.92 | 0.98 | 1.03 | 1.09 | C |
| 5.6 | 0.84 | 0.90 | 0.96 | 1.01 | 1.07 | 1.13 | A |
| 5.8 | 0.87 | 0.93 | 0.99 | 1.05 | 1.11 | 1.17 | R |
| 6.0 | 0.90 | 0.97 | 1.03 | 1.09 | 1.15 | 1.21 | A |
| 6.2 | 0.93 | 1.00 | 1.06 | 1.12 | 1.18 | 1.25 | T |
| 6.4 | 0.97 | 1.03 | 1.09 | 1.16 | 1.22 | 1.29 | S |
| 6.6 | 1.00 | 1.06 | 1.13 | 1.19 | 1.26 | 1.33 | |

| WIDE | 9.0 mm LONG | | | | | | |
|---|---|---|---|---|---|---|---|
| | DEEP | | | | | | |
| | 3.2 | 3.4 | 3.6 | 3.8 | 4.0 | 4.2 | |
| 5.6 | 0.95 | 1.01 | 1.07 | 1.13 | 1.19 | 1.25 | |
| 5.8 | 0.99 | 1.05 | 1.11 | 1.17 | 1.23 | 1.30 | C |
| 6.0 | 1.02 | 1.09 | 1.15 | 1.21 | 1.28 | 1.34 | A |
| 6.2 | 1.06 | 1.12 | 1.19 | 1.25 | 1.32 | 1.39 | R |
| 6.4 | 1.09 | 1.16 | 1.23 | 1.29 | 1.36 | 1.43 | A |
| 6.6 | 1.12 | 1.19 | 1.26 | 1.33 | 1.41 | 1.48 | T |
| 6.8 | 1.16 | 1.23 | 1.30 | 1.38 | 1.45 | 1.52 | S |
| 7.0 | 1.19 | 1.27 | 1.34 | 1.42 | 1.49 | 1.56 | |

| WIDE | 9.5 mm LONG | | | | | | |
|---|---|---|---|---|---|---|---|
| | DEEP | | | | | | |
| | 3.4 | 3.6 | 3.8 | 4.0 | 4.2 | 4.4 | |
| 6.0 | 1.15 | 1.21 | 1.28 | 1.35 | 1.42 | 1.48 | |
| 6.2 | 1.18 | 1.25 | 1.32 | 1.39 | 1.46 | 1.53 | C |
| 6.4 | 1.22 | 1.29 | 1.37 | 1.44 | 1.51 | 1.58 | A |
| 6.6 | 1.26 | 1.33 | 1.41 | 1.48 | 1.56 | 1.63 | R |
| 6.8 | 1.30 | 1.38 | 1.45 | 1.53 | 1.60 | 1.68 | A |
| 7.0 | 1.34 | 1.42 | 1.49 | 1.57 | 1.65 | 1.73 | T |
| 7.2 | 1.38 | 1.46 | 1.54 | 1.62 | 1.70 | 1.78 | S |
| 7.4 | 1.41 | 1.50 | 1.58 | 1.66 | 1.75 | 1.83 | |

# ESTIMATED WEIGHTS OF PEARSHAPED DIAMONDS

| WIDE | 10.0 mm LONG — DEEP 3.6 | 3.8 | 4.0 | 4.2 | 4.4 | 4.6 |
|---|---|---|---|---|---|---|
| 6.4 | 1.36 | 1.44 | 1.51 | 1.59 | 1.67 | 1.74 |
| 6.6 | 1.41 | 1.48 | 1.56 | 1.64 | 1.72 | 1.80 |
| 6.8 | 1.45 | 1.53 | 1.61 | 1.69 | 1.77 | 1.85 |
| 7.0 | 1.49 | 1.57 | 1.66 | 1.74 | 1.82 | 1.90 |
| 7.2 | 1.53 | 1.62 | 1.70 | 1.79 | 1.87 | 1.96 |
| 7.4 | 1.58 | 1.66 | 1.75 | 1.84 | 1.93 | 2.01 |
| 7.6 | 1.62 | 1.71 | 1.80 | 1.89 | 1.98 | 2.07 |
| 7.8 | 1.66 | 1.75 | 1.85 | 1.94 | 2.03 | 2.12 |
| 8.0 | 1.70 | 1.80 | 1.89 | 1.99 | 2.08 | 2.18 |
| 8.2 | 1.75 | 1.84 | 1.94 | 2.04 | 2.13 | 2.23 |

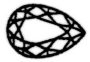
CARATS

| WIDE | 10.5 mm LONG — DEEP 3.8 | 4.0 | 4.2 | 4.4 | 4.6 | 4.8 |
|---|---|---|---|---|---|---|
| 6.8 | 1.60 | 1.69 | 1.77 | 1.86 | 1.94 | 2.03 |
| 7.0 | 1.65 | 1.74 | 1.83 | 1.91 | 2.00 | 2.09 |
| 7.2 | 1.70 | 1.79 | 1.88 | 1.97 | 2.06 | 2.15 |
| 7.4 | 1.75 | 1.84 | 1.93 | 2.02 | 2.11 | 2.21 |
| 7.6 | 1.79 | 1.89 | 1.98 | 2.08 | 2.17 | 2.27 |
| 7.8 | 1.84 | 1.94 | 2.03 | 2.13 | 2.23 | 2.32 |
| 8.0 | 1.89 | 1.99 | 2.09 | 2.19 | 2.29 | 2.38 |
| 8.2 | 1.93 | 2.04 | 2.14 | 2.24 | 2.34 | 2.44 |
| 8.4 | 1.98 | 2.09 | 2.19 | 2.29 | 2.40 | 2.50 |
| 8.6 | 2.03 | 2.14 | 2.24 | 2.35 | 2.46 | 2.56 |

CARATS

| WIDE | 11.0 mm LONG — DEEP 4.0 | 4.2 | 4.4 | 4.6 | 4.8 | 5.0 |
|---|---|---|---|---|---|---|
| 7.2 | 1.87 | 1.97 | 2.06 | 2.15 | 2.25 | 2.34 |
| 7.4 | 1.93 | 2.02 | 2.12 | 2.21 | 2.31 | 2.41 |
| 7.6 | 1.98 | 2.08 | 2.18 | 2.27 | 2.37 | 2.47 |
| 7.8 | 2.03 | 2.13 | 2.23 | 2.33 | 2.44 | 2.54 |
| 8.0 | 2.08 | 2.19 | 2.29 | 2.39 | 2.50 | 2.60 |
| 8.2 | 2.13 | 2.24 | 2.35 | 2.45 | 2.56 | 2.67 |
| 8.4 | 2.19 | 2.29 | 2.40 | 2.51 | 2.62 | 2.73 |
| 8.6 | 2.24 | 2.35 | 2.46 | 2.57 | 2.69 | 2.80 |
| 8.8 | 2.29 | 2.40 | 2.52 | 2.63 | 2.75 | 2.86 |
| 9.0 | 2.34 | 2.46 | 2.58 | 2.69 | 2.81 | 2.93 |

CARATS

# ESTIMATED WEIGHTS OF PEARSHAPED DIAMONDS 

| WIDE | 11.5 mm LONG | | | | | | |
|---|---|---|---|---|---|---|---|
| | DEEP | | | | | | |
| | 4.2 | 4.4 | 4.6 | 4.8 | 5.0 | 5.2 | |
| 7.6 | 2.17 | 2.27 | 2.38 | 2.48 | 2.58 | 2.69 | |
| 7.8 | 2.23 | 2.33 | 2.44 | 2.55 | 2.65 | 2.76 | |
| 8.0 | 2.29 | 2.39 | 2.50 | 2.61 | 2.72 | 2.83 | C |
| 8.2 | 2.34 | 2.45 | 2.57 | 2.68 | 2.79 | 2.90 | A |
| 8.4 | 2.40 | 2.51 | 2.63 | 2.74 | 2.86 | 2.97 | R |
| 8.6 | 2.46 | 2.57 | 2.69 | 2.81 | 2.92 | 3.04 | A |
| 8.8 | 2.51 | 2.63 | 2.75 | 2.87 | 2.99 | 3.11 | T |
| 9.0 | 2.57 | 2.69 | 2.82 | 2.94 | 3.06 | 3.18 | S |
| 9.2 | 2.63 | 2.75 | 2.88 | 3.00 | 3.13 | 3.25 | |
| 9.4 | 2.68 | 2.81 | 2.94 | 3.07 | 3.20 | 3.32 | |

| WIDE | 12.0 mm LONG | | | | | | |
|---|---|---|---|---|---|---|---|
| | DEEP | | | | | | |
| | 4.4 | 4.6 | 4.8 | 5.0 | 5.2 | 5.4 | |
| 8.0 | 2.50 | 2.61 | 2.72 | 2.84 | 2.95 | 3.07 | |
| 8.2 | 2.56 | 2.68 | 2.79 | 2.91 | 3.03 | 3.14 | |
| 8.4 | 2.62 | 2.74 | 2.86 | 2.98 | 3.10 | 3.22 | C |
| 8.6 | 2.69 | 2.81 | 2.93 | 3.05 | 3.17 | 3.30 | A |
| 8.8 | 2.75 | 2.87 | 3.00 | 3.12 | 3.25 | 3.37 | R |
| 9.0 | 2.81 | 2.94 | 3.07 | 3.19 | 3.32 | 3.45 | A |
| 9.2 | 2.87 | 3.00 | 3.13 | 3.26 | 3.39 | 3.53 | T |
| 9.4 | 2.94 | 3.07 | 3.20 | 3.34 | 3.47 | 3.60 | S |
| 9.6 | 3.00 | 3.13 | 3.26 | 3.41 | 3.54 | 3.68 | |
| 9.8 | 3.06 | 3.20 | 3.34 | 3.48 | 3.62 | 3.76 | |

| WIDE | 12.5 mm LONG | | | | | | |
|---|---|---|---|---|---|---|---|
| | DEEP | | | | | | |
| | 4.6 | 4.8 | 5.0 | 5.2 | 5.4 | 5.6 | |
| 8.4 | 2.86 | 2.98 | 3.10 | 3.23 | 3.35 | 3.48 | |
| 8.6 | 2.92 | 3.05 | 3.18 | 3.31 | 3.43 | 3.56 | |
| 8.8 | 2.99 | 3.12 | 3.25 | 3.38 | 3.51 | 3.64 | C |
| 9.0 | 3.06 | 3.19 | 3.33 | 3.46 | 3.59 | 3.73 | A |
| 9.2 | 3.13 | 3.26 | 3.40 | 3.54 | 3.67 | 3.81 | R |
| 9.4 | 3.20 | 3.34 | 3.47 | 3.61 | 3.75 | 3.89 | A |
| 9.6 | 3.26 | 3.41 | 3.55 | 3.69 | 3.83 | 3.97 | T |
| 9.8 | 3.33 | 3.48 | 3.62 | 3.77 | 3.91 | 4.06 | S |
| 10.0 | 3.40 | 3.55 | 3.70 | 3.84 | 3.99 | 4.14 | |
| 10.2 | 3.47 | 3.62 | 3.77 | 3.92 | 4.07 | 4.22 | |

# ESTIMATED WEIGHTS OF PEARSHAPED DIAMONDS

| WIDE | 13.0 mm LONG | | | | | | |
|---|---|---|---|---|---|---|---|
| | DEEP | | | | | | |
| | 4.8 | 5.0 | 5.2 | 5.4 | 5.6 | 5.8 | |
| 8.8 | 3.25 | 3.38 | 3.52 | 3.65 | 3.79 | 3.92 | |
| 9.0 | 3.32 | 3.46 | 3.60 | 3.74 | 3.87 | 4.01 | |
| 9.2 | 3.39 | 3.54 | 3.68 | 3.82 | 3.96 | 4.10 | C |
| 9.4 | 3.47 | 3.61 | 3.76 | 3.90 | 4.05 | 4.19 | A |
| 9.6 | 3.54 | 3.69 | 3.84 | 3.99 | 4.13 | 4.28 | R |
| 9.8 | 3.62 | 3.77 | 3.92 | 4.07 | 4.22 | 4.37 | A |
| 10.0 | 3.69 | 3.84 | 4.00 | 4.15 | 4.31 | 4.46 | T |
| 10.2 | 3.76 | 3.92 | 4.08 | 4.23 | 4.39 | 4.55 | S |
| 10.4 | 3.84 | 4.00 | 4.16 | 4.32 | 4.48 | 4.64 | |
| 10.6 | 3.91 | 4.07 | 4.24 | 4.40 | 4.56 | 4.73 | |
| WIDE | 13.5 mm LONG | | | | | | |
| | DEEP | | | | | | |
| | 5.2 | 5.4 | 5.6 | 5.8 | 6.0 | 6.2 | |
| 9.2 | 3.82 | 3.97 | 4.11 | 4.26 | 4.41 | 4.55 | |
| 9.4 | 3.90 | 4.05 | 4.20 | 4.35 | 4.50 | 4.65 | |
| 9.6 | 3.99 | 4.14 | 4.29 | 4.45 | 4.60 | 4.75 | C |
| 9.8 | 4.07 | 4.22 | 4.38 | 4.54 | 4.69 | 4.85 | A |
| 10.0 | 4.15 | 4.31 | 4.47 | 4.63 | 4.79 | 4.95 | R |
| 10.2 | 4.23 | 4.40 | 4.56 | 4.72 | 4.89 | 5.05 | A |
| 10.4 | 4.32 | 4.48 | 4.65 | 4.82 | 4.98 | 5.15 | T |
| 10.6 | 4.40 | 4.57 | 4.74 | 4.91 | 5.08 | 5.25 | S |
| 10.8 | 4.48 | 4.66 | 4.83 | 5.00 | 5.17 | 5.35 | |
| 11.0 | 4.57 | 4.74 | 4.92 | 5.09 | 5.27 | 5.44 | |

CARATS = 0.0059136 X LENGTH X WIDTH X DEPTH

| GIRDLE | | BLUGE | | OUTLINE | |
|---|---|---|---|---|---|
| THIN | - 2% | VISIBLE | + 2% | FAT | + 2% |
| THICK | + 3% | OBVIOUS | + 4% | V. FAT | + 4% |
| V. THICK | + 5% | EXTREME | + 6% | | |
| EX.THICK | + 8% | | | | |

# ESTIMATED WEIGHTS OF PEARLS

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| **DIAMETER** | 2.0 | 2.1 | 2.2 | 2.3 | 2.4 | 2.5 | 2.6 | 2.7 | 2.8 | 2.9 |
| **CARATS** | 0.06 | 0.07 | 0.08 | 0.09 | 0.10 | 0.11 | 0.12 | 0.14 | 0.15 | 0.17 |
| **MOMMES** | .0030 | .0035 | .0040 | .0046 | .0052 | .0059 | .0066 | .0073 | .0083 | .0092 |
| **GRAINS** | 0.23 | 0.26 | 0.30 | 0.34 | 0.39 | 0.44 | 0.50 | 0.56 | 0.62 | 0.69 |
| **DIAMETER** | 3.0 | 3.1 | 3.2 | 3.3 | 3.4 | 3.5 | 3.6 | 3.7 | 3.8 | 3.9 |
| **CARATS** | 0.19 | 0.21 | 0.23 | 0.25 | 0.28 | 0.30 | 0.33 | 0.36 | 0.39 | 0.42 |
| **MOMMES** | 0.010 | 0.011 | 0.012 | 0.014 | 0.015 | 0.016 | 0.018 | 0.019 | 0.021 | 0.022 |
| **GRAINS** | 0.76 | 0.84 | 0.93 | 1.02 | 1.11 | 1.21 | 1.32 | 1.43 | 1.55 | 1.68 |
| **DIAMETER** | 4.0 | 4.1 | 4.2 | 4.3 | 4.4 | 4.5 | 4.6 | 4.7 | 4.8 | 4.9 |
| **CARATS** | 0.45 | 0.49 | 0.52 | 0.56 | 0.60 | 0.64 | 0.69 | 0.73 | 0.78 | 0.83 |
| **MOMMES** | 0.024 | 0.026 | 0.028 | 0.030 | 0.032 | 0.034 | 0.037 | 0.039 | 0.042 | 0.044 |
| **GRAINS** | 1.81 | 1.95 | 2.09 | 2.25 | 2.41 | 2.58 | 2.75 | 2.94 | 3.13 | 3.33 |

## ESTIMATED WEIGHTS OF PEARLS

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| **DIAMETER** | 5.0 | 5.1 | 5.2 | 5.3 | 5.4 | 5.5 | 5.6 | 5.7 | 5.8 | 5.9 |
| **CARATS** | 0.88 | 0.94 | 0.99 | 1.05 | 1.11 | 1.17 | 1.24 | 1.31 | 1.38 | 1.45 |
| **MOMMES** | 0.047 | 0.050 | 0.053 | 0.056 | 0.059 | 0.063 | 0.066 | 0.070 | 0.074 | 0.077 |
| **GRAINS** | 3.53 | 3.75 | 3.97 | 4.21 | 4.45 | 4.70 | 4.96 | 5.24 | 5.52 | 5.81 |
| **DIAMETER** | 6.0 | 6.1 | 6.2 | 6.3 | 6.4 | 6.5 | 6.6 | 6.7 | 6.8 | 6.9 |
| **CARATS** | 1.52 | 1.60 | 1.68 | 1.77 | 1.85 | 1.94 | 2.03 | 2.12 | 2.22 | 2.32 |
| **MOMMES** | 0.081 | 0.086 | 0.090 | 0.094 | 0.099 | 0.104 | 0.108 | 0.113 | 0.119 | 0.124 |
| **GRAINS** | 6.11 | 6.42 | 6.74 | 7.07 | 7.41 | 7.76 | 8.13 | 8.50 | 8.89 | 9.29 |
| **DIAMETER** | 7.0 | 7.1 | 7.2 | 7.3 | 7.4 | 7.5 | 7.6 | 7.7 | 7.8 | 7.9 |
| **CARATS** | 2.42 | 2.53 | 2.64 | 2.75 | 2.86 | 2.98 | 3.10 | 3.22 | 3.35 | 3.48 |
| **MOMMES** | 0.129 | 0.135 | 0.141 | 0.147 | 0.153 | 0.159 | 0.165 | 0.172 | 0.179 | 0.186 |
| **GRAINS** | 9.70 | 10.12 | 10.55 | 11.00 | 11.46 | 11.93 | 12.41 | 12.91 | 13.42 | 13.94 |

# ESTIMATED WEIGHTS OF PEARLS

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| **DIAMETER** | 8.0 | 8.1 | 8.2 | 8.3 | 8.4 | 8.5 | 8.6 | 8.7 | 8.8 | 8.9 |
| **CARATS** | 3.61 | 3.75 | 3.89 | 4.04 | 4.18 | 4.34 | 4.49 | 4.65 | 4.81 | 4.98 |
| **MOMMES** | 0.193 | 0.200 | 0.208 | 0.216 | 0.223 | 0.232 | 0.240 | 0.248 | 0.257 | 0.266 |
| **GRAINS** | 14.47 | 15.02 | 15.59 | 16.16 | 16.76 | 17.36 | 17.98 | 18.62 | 19.27 | 19.93 |
| **DIAMETER** | 9.0 | 9.1 | 9.2 | 9.3 | 9.4 | 9.5 | 9.6 | 9.7 | 9.8 | 9.9 |
| **CARATS** | 5.15 | 5.32 | 5.50 | 5.68 | 5.86 | 6.05 | 6.25 | 6.44 | 6.64 | 6.85 |
| **MOMMES** | 0.275 | 0.284 | 0.294 | 0.303 | 0.313 | 0.323 | 0.334 | 0.344 | 0.355 | 0.366 |
| **GRAINS** | 20.61 | 21.30 | 22.01 | 22.74 | 23.48 | 24.24 | 25.01 | 25.80 | 26.61 | 27.43 |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| **DIAMETER** | 10.0 | 10.1 | 10.2 | 10.3 | 10.4 | 10.5 | 10.6 | 10.7 | 10.8 | 10.9 |
| **CARATS** | 7.06 | 7.27 | 7.49 | 7.71 | 7.94 | 8.17 | 8.41 | 8.65 | 8.89 | 9.14 |
| **MOMMES** | 0.377 | 0.388 | 0.400 | 0.412 | 0.424 | 0.436 | 0.449 | 0.462 | 0.475 | 0.488 |
| **GRAINS** | 28.27 | 29.13 | 30.00 | 30.89 | 31.80 | 32.73 | 33.67 | 34.63 | 35.61 | 36.61 |

## ESTIMATED WEIGHTS OF PEARLS

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| **DIAMETER** | 11.0 | 11.1 | 11.2 | 11.3 | 11.4 | 11.5 | 11.6 | 11.7 | 11.8 | 11.9 |
| **CARATS** | 9.40 | 9.66 | 9.92 | 10.19 | 10.46 | 10.74 | 11.02 | 11.31 | 11.60 | 11.90 |
| **MOMMES** | 0.502 | 0.516 | 0.530 | 0.544 | 0.559 | 0.573 | 0.588 | 0.604 | 0.619 | 0.635 |
| **GRAINS** | 37.63 | 38.66 | 39.72 | 40.79 | 41.88 | 43.00 | 44.13 | 45.28 | 46.45 | 47.64 |
| **DIAMETER** | 12.0 | 12.1 | 12.2 | 12.3 | 12.4 | 12.5 | 12.6 | 12.7 | 12.8 | 12.9 |
| **CARATS** | 12.20 | 12.51 | 12.82 | 13.14 | 13.46 | 13.79 | 14.12 | 14.46 | 14.81 | 15.16 |
| **MOMMES** | 0.651 | 0.668 | 0.685 | 0.702 | 0.719 | 0.736 | 0.754 | 0.772 | 0.791 | 0.809 |
| **GRAINS** | 48.85 | 50.08 | 51.33 | 52.61 | 53.90 | 55.21 | 56.55 | 57.92 | 59.29 | 60.69 |

MOMMES = (DIAMETER X DIAMETER X DIAMETER) X 0.000377

CARATS = (DIAMETER X DIAMETER X DIAMETER) X 0.00706

GRAINS = (DIAMETER X DIAMETER X DIAMETER) X 0.02827

1 GRAM = 0.266 MOMMES

1 MOMME = 18.75 CARATS / 75 GRAINS

1 CARAT = 4 GRAINS / 0.053 MOMMES

1 GRAIN = 0.013 MOMMES / 0.25 CARATS

https://gemval.com/weight-calculator